№ 21

TÜRKİYE CÜMHURİYETİ

MİLLİ EĞİTİM BAKANLIĞI

İSTANBUL KANDİLLİ RASATHANESİ

1939

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Meteoroloji, Sismoloji ve Miknatis Rasatları

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I — Meteoroloji (Météorologie)

Yakup Elbek

Cetvel, grafik ve işaretlerin izahları 5 numaralı mecmuada bulunduğundan tekrar azılmasına lüzum görülmemiştir.

Olayların aylık gidişi

OCAK

Basınç — Birinci gün akşamı saat 21/30 da 751.4 mm. minimumdan geçen barometre üncü gün saat 10 da 767.5 mm. ye çıkmış ve bundan sonra hafif surette düşerek 7 nci ün saat 14 te 757.0 mm. ye inmişse de yine tedrici surette yükselerek 10 uncu gün saat 0/15 te 766.3 mm. olmuş ve 13 üncü güne kadar 764 ile 765 mm. arasında hemen hemen ayri mütehavvil devam etmiştir. 13 üncü gün saat 8 den sonra düşmeğe başlamış gece aat 24 te 761.2 mm. minimumdan geçerek 16 ncı gün saat 11/30 da (769.9) mm. olmak zere ayın mutlak maksimumunu yapmış ve 18 inci gün 764.4 mm. ye inmiş, 20 nci güne adar 764.5 ile 765.5 mm. arasında düzgün devam etmiştir. 20 nci gün öğleden sonra düşneğe başlamış, 21 inci gün 760.3 mm. minimumdan geçmiş 22/23 gecesi 763.4 mm. ye kadar ıkmıştır. 23 üncü gün sabahından düşmeğe başlıyarak 25 inci gün saat 14 te (748.8) mm. lmak üzere ayın mutlak minimumundan geçmiş, 26 ncı gün 756.7 mm. ye çıkmış ve 28 inci üne kadar 754 ile 756 mm. arasında mütehavvil devam etmiştir. 28 inci gün öğleden onra yükselmeğe başlıyarak 29/30 gecesi 765.1 mm. ye kadar çıkmışsa da 30 uncu gün lüşmeğe başlamış ve 31 inci gün gece yarısı 751.2 mm. olmuştur. En çok sapma (écarte xtrême) 21.1 mm. dir.

Bu ayın ortalaması 761.6 mm. olup normal [764.0 mm.) den 2,4 mm. eksiktir. 28 yıllık asatlarda bu aydaki ortalamaların maksimumu 1925 te 771.2 mm. minimumu da 1915 te 56.9 mm. dir.

Sıcaklık — Bu ayın mutlak maksimumu 20 nci gün saat 14/15 te 15°.8, mutlak minimumu da 2 nci gün saat 10/00 da —1°.8 olup en çok sapma (écarte extrême) 17°.6 dır. Bu ayın ortalaması 8°.2 olup normal [5°.6] dan 2°.6 fazladır. Bu ayın maksimumlar ortalaması 1°.2 dir ki normal [8°.3] ten 2°.9 fazla, minimumlar ortalaması da 5°.5 dir ki normal [3°.1] den °.4 fazladır. 28 yıllık rasatlarda bu ay için mutlak maksimum olarak 1932 yılı birinci gün .8°.1 ve mutlak minimum olarak ta 1924 yılı 27 nci ğün —7°.5 görülmüştür.

Bağıl nem — Bu ayın minimum nemi 29 uncu gün saat 16/00 da % 31 dir. Bu ayın rtalaması % 78 olup normal [% 79] dan % 1 eksiktir. 28 yıllık rasatlarda bu aydaki ortaamaların maksimumu 1928 yılı % 88, minimumu da 1929 yılı % 72 dir.

Çökelek — Cetvelinde görüldüğü üzere bir gün karlı, bir gün karlı yağmurlu ve gün yağmurlu geçmiş ve bu müddet zarfında 41.1 mm. su birikmiştir ki normal 87.0 mm. d 45.9 mm. eksiktir. 1925, 1921 ve 1928 senelerinde sırasiyle 20.1, 22.5 ve 39.3 mm. olm üzere az yağışlı ocak aylarına tesadüf edilmiştir. 1922, 1913 ve 1912 senelerinde sırasiy 180.4, 155.2 ve 143.7 mm. olmak üzere çok yağışlı ocak ayları da görülmüştür.

13 üncü gün saat 20/15 ile 23/40 arasında 10.6 mm. yağmur yağmıştır ki ortalama ş deti dakikada 0.05 mm. dir. Maksimum şiddeti de saat 23/00 ile 23/20 arasında dakika 0.14 mm. dir.

Fırtınalı günler: (*)

Gün	Devam fasılası s/m ilâ h/m	Maksimum hızı m/s	Yönü
1	11/45 — 24/30	21	NW, NNW, N
2	5/15 — 8/00	20	NW
13—14	19/45 — 3/45	19	SE, SSE, S, SS
27—28	15/15 — 16/15	21	SSS, W

Toprağın sıcaklığı — 5, 10 ve 20 sm. derinliktekiler günün tahavvülüne tâbi olar değişmişlerdir. 50 sm deki biraz intizamsızlık göstermiştir. Bir metredeki mevsim seyri uyarak düşmeğe devam etmiş 6 ncı gün 9°.2 olmuş ve üç gün bu kıymeti muhafaza ettikt sonra tedrici yükselerek ayın sonunda 10°.6 ya çıkmıştır. 2 metredeki mevsim seyri uyarak düşmesine devam etmiş ay başında 13°.4 iken ay sonunda 12°.3 olmuştur.

ŞUBAT

Basınç — Birinci gün sabahı saat 4/05 te (749.6) mm. olmak üzere ayın mutlak n nimumundan geçen barometre oldukça seri yükselerek 4 üncü gün sabahı saat 10/15 (774.2) mm. olmak üzere ayın mutlak maksimumunu yapmış, 6 ncı gün sabahı 764.2 mm. kadar düşmüş, sonra tedrici yükselerek 9 uncu gün 771.8 mm. ye kadar çıkmıştır. 10 un gün 761.5 mm. ye kadar indikten sonra 14 üncü güne kadar 760 ile 764.8 mm. arasın tahayvül etmiştir. 14 üncü gün saat 6-7 de 760.1 mm. minimumdan geçerek ve yavaş yav yükselerek 15/16 gecesi 770.5 mm. ye kadar çıkmış ve bundan sonra tedricen düşer 23 üncü gün sabahı 758.1 mm. olmuşsa da tekrar yükselerek 25 inci gün saat 12 de 77 mm. olmuş ve 26 ncı gün öğleye kadar bu civarda düzgün devam etmiştir. Bundan son düşmeğe başlamış, 28 inci gün gece yarısı 757.3 mm. olmuştur. En çok sapma 24.6 mm. d

Bu ayın ortalaması 765.3 mm. olup normal (763.1 mm.) den 2.2 mm. fazladır. 28 yıll rasatlarda bu aylardaki ortalamaların maksimumu 1920 de 768.3 mm., minimumu da 1936 757.2 mm. dir.

Sıcaklık — Bu ayın mutlak maksimumu 14 üncü gün saat 15/20 de 15°.0, mutlak n nimumu da 2 nci gün saat 21/40 ta —1°.4 tür ki en çok sapma 16°.4 tür. Bu ayın ortalama 5°.1 olup normal 4°.7 den 0°.4 fazladır. Bu ayın maksimumlar ortalaması 7°.3 tür ki norm (7°.6) dan 0°.3 eksik, minimumlar ortalaması da 2°.5 tir ki normal (2°.1) den 0°.4 fazlad 28 yıllık rasatlarda bu ay için mutlak maksimum olarak 1925 yılı 25 inci gün 26°.6 mutlak minimum olarak ta 1929 yılı 9 uncu gün — 13°.0 kaydedilmiştir.

Bağıl nem — Bu ayin mutlak minimumu 19 uncu gün saat 13/50 de % 33 tür. Bu ay ortalaması % 77 olup normal (% 78) de % 1 eksiktir. 28 yıllık rasatlarda bu aydaki ort lamaların maksimumu 1931 yılı % 87 ve minimumu da 1925 yılı % 61 dir.

(*) Rüzgârın hızı saniyede 13 metreyi geçerse o gün fırtınalı gün itibar olunur.

Çökelek — Cetvelinde görüldüğü üzere 2 gün karlı, 1 gün karlı yağmurlu ve 7 gün ağmurlu geçmiş ve bu müddet zarfında 72.0 mm. su birikmiştir ki normal (72.6 mm.) den alnız 0.6 mm. eksiktir. 1914, 1925 ve 1926 yıllarında sırasiyle 4.0, 11.1 ve 19.1 mm. olmak zere az yağışlı şubat aylarına tesadüf edilmiştir. 1936, 1932 ve 1931 yıllarında da sırasiyle 00.1, 137.0 ve 136.3 mm. olmak üzere çok yağışlı şubat ayları görülmüştür.

Geçen ocak ayının son gecesi saat 19/00 dan şubatın ikinci gün sabahı saat 6/00 ya adar sürekli yağmur yağmış ve bu müddet zarfında 39.3 mm. yağmur yağmıştır ki orta- ama şiddeti dakikada 0.02 mm. dir. Maksimum şiddeti birinci gün sabahı saat 2/40 ile 3/00 rasında dakikada 0.06 mm. dir. Bir de 12 nci gün saat 6/00 ile 17/30 arasında 13.6 mm. lmak üzere şiddetli yağmur yağmıştır ki ortalama şiddeti dakikada 0 02 mm. dir. Maksi- ıum şiddeti saat 8/50 ile 9/00 arasında ve 12/20 ile 13/30 arasında dakikada 0.08 mm. dir.

Fırtınalı günler:

Gün	Devam fasılası s/m ilâ s/m	Maksimum hızı m/s	Yönü
1	3/00 — 24/00	20	NNW, N, NNE
22	13/50 — 20/00	15	NE
27	12/45 — 16/15	14	E, NEE, NE

Toprağın sıcaklığı — 5, 10 ve 20 sm. derinliktekiler günün tahavvülüne tâbi olarak eğişmişlerdir. 50 sm. ve bir metre derinliktekiler az çok intizamsızlık göstermişlerdir. metredeki mevsim seyrine uyarak düzgünce düşmesine devam etmiş ay başında 12°.3 en ay sonunda 11°.3 olmuştur.

MART

Basınç — Barometre birinci gün sabahından itibaren yavaş yavaş yükselerek 6 ncı in saat 12/00 de (770 3 mm.) olmak üzere ayın mutlak maksimumundan geçmiş ve 9 uncu in saat 4/15 te 748.8 mm. minimum kıymeti almıştır. Bundan sonra yükselerek 9-10 ge- si 762.1 mm, ye çıkmış, 11 inci gün saat 4 te 755.8 mm. ye inmişse de ayni gün akşamı krar 761 mm. ye çıkmıştır. 12-13 gecesi 749.1 mm. minimumdan geçerek 13-14 gecesi 6.4 mm. ye yükselmiş ve 14-15 gecesi 752.5 mm. ye düşmüş, 16 ncı gün saat 19 a kadar civarda seyretmiştir. 8 inci gün saat 14 ile 9 uncu gün saat 12 arası ve 12 nci gün saat ile 13 üncü gün saat 4 arası hafif grenli geçmiştir. 16-17 gecesi 746.9 mm. minimum ymetten geçerek 18-19 gecesi 763.2 mm. ye kadar çıkmışsa da yavaş yavaş düşerek nci gün saat 8 ile 9/30 arasında (741.4 mm.) olmak üzere ayın mutlak minimumunu pmıştır. 21-22 gecesi de grenli geçmiştir. Bundan sonra günlük tahavvüllerini yaparak vaş yavaş yükselmiş — 26 ncı gün saat 3/10 ile 3/30 arasında yani 20 dakika zarfında mm. tahavvül göstermiş — 27 nci gün 762.8 mm. ye kadar çıkmıştır. Bundan sonra 28 inci n bir saat 50 dakika zarfında 2 mm. lik bir kubbe yapmak üzere düşmesine devam miş, akşam 751.2 mm. olmuş ve 29 uncu gün 757 mm. ye çıkmıştır. 30 uncu gün akşamına da bu civarda az mütehavvil olarak devam ettikten sonra yükselmeğe başlamış ve inci gün gece yarısı 762,8 mm. olmuştur. 28 inci gün saat 20 ile 22 arasında iki küçük nak yapmıştır. En çok sapma 28.9 mm. dir.

Bu ayın ortalaması 757.5 mm. olup normal (762.3 mm.) den 4 8 mm. eksiktir. 28 yıllık satlarda bu aydaki ortalamaların maksimumu 1921 de 767.2 mm., minimumu da 1917 de 9.1 mm. dir.

Sıcaklık — Bu ayın mutlak maksimumu 28 inci gün saat 14/50 de 24°.0, mutlak m mumu da 7 nci gün saat 1/45 te —1°.8 dir ki en çok sapma 25°.8 dir. Bu ayın ortalan 7°.4 olup normal (7°.7) den 0°.3 eksiktir. Bu ayın maksimumlar ortalaması 11°.3 tür ki n mal [11°.6] dan 0°.3 eksik, minimumlar ortalaması da 3°.8 dir ki normal (4°.5) ten 0°.7 ek tir. 28 yıllık rasatlarda bu ay için mutlak maksimum olarak 1937 yılı 24 üncü gün 2 ve mutlak minimum olarak ta 1929 yılı dördüncü gün —7°.3 görülmüştür.

Bağıl nem — Bu ayın minimum nemi 27 nci gün saat 13/30 da % 20 dir. Bu a ortalaması % 68 olup normal [% 73] ten % 5 eksiktir. 28 yıllık rasatlarda bu aydaki o lamaların maksimumu 1916 ve 1926 da % 81 ve minimumu da 1937 yılı % 58 dir.

Çökelek — Cetvelinde görüldüğü üzere yağmurlu geçen 16 gün zarfında 148.0 n yağmur yağmıştır ki normal (48°.3 mm.) den 99.7 mm. fazladır. 28 yıllık rasatlarımız içi bu derece çok yağışlı mart ayı bu sene ilk defa görülmüştür. 1929 ve 1925 yılları 100.5 ve 96.9 mm. gibi en çok yağışlı mart ayları geçmişti. 1924, 1927 ve 1918 yıllarında sırasiyle 8.2, 10.8 ve 12.3 mm. olmak üzere az yağmurlu mart ayları görülmüştür.

Şiddetli ve sürekli yağışlar

Gün	Miktarı	Zaman ve müddeti	Ortalama şiddeti	Maksimum şiddeti	Maksimum şidd zaman ve müd
	mm.	h/m ilâ h/m	mm/min.	mm/min.	h/m ilâ h/m
9	21.6	4/15 — 12/30	0.04	0.34	4/32 — 4/4
11 13	54.1	5/30 — 7/30	Sürekli	0.18	17/30 — 18/2
15	4.8	1/15 — 3/15	0.04	0.11	2/45 — 2/5
16—17	23.0	23/15 — 13/15	0.03	0.10	0/48 — 1/3
23	5.6	16/15 — 22/30	0.02	0.14	22/05 — 22/2
23—24	15.1	17/20 — 4/00	0.02	0.08	24/00 — 24/1
26	4.2	8/30 — 9/30	0.07	0.13	8/50 — 9/0
30	2.8	5/30 — 7/00	0.03	0.17	5/54 — 6/0

Fırtınalı günler:

Gün	Devam fasılası h/m ilâ h/m	Maksimum hızı m/s	Yönü
2—4	3 gün sürekli	19	NNE, NE
5	8/30 — 16/00	18	N, NNE
7	22/15 — 24/00	15	SSW
8	9/50 —	24	SSW, N
9	— 7/15		
10	13/00 — 15/00	16	S, SSW
10/11	22/15 — 6/00	20	S, SSW
12	10/15 — 16/30	19	NNE
13	00/00 — 8/45	20	N
15	2/00 — 5/00	15	W, SSW
16/17	20/30 — 2/00	16	NE
17	5/45 — 16/00	16	NNE
21/22	22/00 — 1/45	16	SE
26	3/00 — 3/50	22	SSW
	10/30 — 17/15	14	SW, W
28	6/30 — 24/00	22	S, SE, SSW
29	8/15 — 17/45	15	SSW, SW, SW

Toprağın sıcaklığı — 5, 10 ve 20 sm. derinliktekiler günün tahavvülüne tâbi olarak değişmişlerdir. 50 sm. deki az çok intizamsızlık güstermiştir. 1 metredeki mevsim seyrine uyarak düşmesine devam etmiş 19 uncu gün 7°.7 olmak üzere mevsimin minimum kıymetini almış bundan sonra yükselerek ay sonunda 10°.5 olmuştur. 2 metredeki mevsim seyrine uyarak düşmesine devam etmiş ay başında 11°.3 iken 28 inci gün 10°4 olmak üzere mevsimin minimum kıymetini almış ve ay sonunda 10°.7 olmuştur.

Ocak 1939

Tarih — *Date*	Barometre (O°ye ve O. D. S.) 700 mm + ...				Sıcaklık C° *Température*						Buhar gerilimi *Tension de la vap.* mm.				Bağıl nem % *Humidité relat*				Aktinom. C°		Güneşte Mak. *Max. nair*	Güneşlenme *Insolation*
	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy*	Mak *Max*	Min. *Min*	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy.*	Beyaz *Blanc*	Siyah *Noir*		Saat *h.*
1	52.8	52.5	51.7	52.3	5.5	2.8	-0.3	2.7	7.6	-0.6	6.55	5.50	4.47	5 51	97	98	100	98	3.8	4.4	14.6	0.1
2	58.7	63.1	65.6	62.5	-1.0	0.0	0.1	-0.3	2.4	-1.8	4.22	3.88	3.40	3.83	100	85	74	86	17.2	24.2	27.8	2.3
3	66.9	66.1	65.5	66.2	3.5	6.4	4.5	4.8	8.0	1.5	3.91	4.46	2.95	3.77	67	62	46	58	21.9	32.4	32.6	7.4
4	64.1	62.8	62.7	63.2	5.7	7.8	9.6	7.7	11.0	4.2	3.48	5.08	5.08	4.55	50	64	56	57	11.3	13.4	35.0	3.6
5	62.9	61.5	61.3	61.9	7.9	9.7	8.1	8.6	11.8	7.2	7.52	6.78	5.76	6.69	95	75	71	80	12.2	13.8	31.3	1.1
6	60.3	58.8	59.5	59.5	8.9	12.9	8.5	10.1	13.9	7.0	5.39	5.92	5.19	5.50	63	54	63	60	25.8	34.4	34.5	5.5
7	58.5	57.0	57.9	57.8	7.7	13.3	8.6	9.9	14.5	6.5	4.61	5.00	4.81	4.81	59	44	57	53	26.4	35.4	35.5	5.6
8	59.6	61.6	63.7	61.6	5.7	8.2	7.0	7.0	10.1	4.5	5.60	7.45	6.52	6.52	82	92	87	87	12.2	14.2	35.3	5.3
9	64.4	64.0	65.6	64.7	4.9	6.0	5.4	5.4	6.5	4.0	6.38	6.26	6.08	6.24	98	89	91	93	9.8	11.6	13.0	—
10	66.0	64.6	64.6	65.1	3.9	8.0	6.9	6.3	8.5	2.6	5.25	6.90	5.93	6.03	87	86	80	84	18.0	25.0	27.1	4.2
1 inci onluk	**61.4**	**61.2**	**61.8**	**61.5**	**5.3**	**7.5**	**5.8**	**6.2**	**9.4**	**3.5**	**5.29**	**5.72**	**5.02**	**5.35**	**80**	**75**	**73**	**76**	**15.9**	**20.9**	**28.7**	**35.1**
11	65.0	64.0	64.0	64.3	6.5	10.3	7.3	8.0	10.5	6.2	6.38	6.10	5.80	6.09	88	65	76	76	23.9	31.5	33.1	9.0
12	64.4	64.4	65.7	64.8	6.3	10.7	7.3	8.1	11.0	5.2	5.44	6.42	5.58	5.81	77	67	72	72	24.1	32.8	35.7	8.4
13	65.8	62.9	61.6	63.4	7.7	12.3	9.7	9.9	12.6	5.8	4.72	5.24	7.36	5.77	61	49	82	64	21.6	27.2	29.7	2.3
14	65.1	66.2	68.2	66.5	7.9	12.4	8.1	9.5	13.0	6.6	7.40	8.00	6.73	7.38	93	74	83	83	24.8	33.0	35.6	7.3
15	68.3	67.8	68.7	68.3	6.9	11.5	8.5	9.0	11.8	6.1	6.14	7.10	6.27	6.50	83	70	76	76	24.8	33.4	32.6	7.2
16	68.8	68.3	69.0	68.7	6.5	10.1	6.9	7.8	11.0	5.9	6.59	7.35	6.89	6.94	91	79	93	88	23.7	32.2	33.6	8.7
17	67.9	66.0	65.8	66.6	6.1	11.0	8.3	8.5	11.4	5.0	6.40	6.01	6.39	6.27	91	61	78	77	24.2	32.0	32.6	8.8
18	65.9	64.4	64.6	65.0	7.7	12.0	8.0	9.2	12.2	6.6	6.97	8.11	6.24	7.11	89	77	77	81	25.2	33.6	34.0	8.1
19	64.9	65.0	65.6	65.2	7.7	13.1	10.3	10.4	13.3	7.2	6.31	7.34	7.23	6.96	80	65	78	74	26.2	34.0	35.0	9.1
20	64.9	63.7	63.0	63.9	9.1	15.7	11.8	12.2	15.8	7.6	6.81	7.27	6.57	6.88	79	54	64	66	28.7	37.2	39.0	7.7
2 inci onluk	**66.1**	**65.3**	**65.6**	**65.7**	**7.2**	**11.9**	**8.6**	**9.3**	**12.3**	**6.2**	**6.32**	**6.89**	**6.51**	**6.57**	**83**	**66**	**78**	**76**	**24.7**	**32.7**	**34.1**	**76.6**
21	61.6	60.3	60.9	60.9	9.5	9.1	7.8	8.8	11.0	6.8	6.79	7.49	7.35	7.21	77	87	93	86	12.8	15.0	18 8	0.1
22	61.3	61.7	63.2	62.1	7.5	10.0	8.0	8.5	10.5	6.8	7.08	6.95	7.34	7.12	91	75	91	86	13.6	15.6	20.8	—
23	63.0	60.7	59.6	61.1	6.9	9.1	6.7	7.6	9.5	5.4	7.22	7.03	7.01	7.09	97	82	95	91	12.4	14.2	16.0	—
24	57.0	54.9	53.0	55.0	6.9	13.3	8.0	9.4	14.5	5.2	7.00	7.95	6.68	7.21	94	70	83	82	19.8	24.0	34.7	1.4
25	50.1	48.8	51.5	50.1	8.1	9.9	8.3	8.8	10.4	7.1	6.29	8.29	7.73	7.44	78	91	95	88	16.6	20.6	21.0	—
26	54.7	55.7	56.7	55.7	6.5	8.1	5.2	6.6	8.6	5.0	7.02	6.73	6.41	6.72	97	83	97	92	16.4	21.2	34.1	0.2
27	56.3	54.6	54.4	55.1	8.5	12.6	11.5	10.9	14.2	7.5	6.60	6.34	7.22	6.72	80	58	71	70	17.6	20.8	34.5	8.5
28	55.1	55.4	59.2	56.6	11.1	13.5	8.3	11.0	14.2	7.3	7.69	7.71	7.73	7.71	78	67	95	80	18.2	22.0	29.0	3.2
29	63.8	64.4	65.1	64.4	7.7	12.3	7.1	9.0	12.9	6.2	5.94	7.58	3.65	5.72	83	71	48	67	22.2	29.0	37.2	6.6
30	64.4	62.6	61.1	62.7	7.9	13.6	10.7	10.7	14.3	7.5	4.91	8.52	7.57	7.00	62	73	79	71	26.8	35.6	38.6	7.2
31	57.9	55.3	52.7	55.3	10.4	9.3	8.0	9.2	11.3	7.3	7.99	8.76	7.91	8.22	85	100	99	95	12.0	13.5	22.6	—
3üncü onluk	**58.7**	**57.7**	**57.9**	**58.1**	**8.3**	**11.0**	**8.1**	**9.1**	**11.9**	**6.6**	**6.78**	**7.58**	**6.96**	**7.11**	**84**	**78**	**86**	**83**	**17.1**	**21.0**	**27.9**	**27.2**
Toplam																						138.9
Aylık Ortalama	61.9	61.3	61.7	61.6	70.0	10.2	7.6	8.2	11.2	5.5	6.15	6.76	6.19	6.37	82	73	79	78	19.2	24.7	30.2	

anvier 1939

Tarih — *Date*	Rüzgâr — *Vent*																		Hız *Vitesse* m/s.	Bulut — *Nuage*	Yağmur *Pluie* mm.	Kar *Neige* cm.	Düşünceler *Remarques*
	Frekans — *Fréquence*								Süre — *Durée* [*]														
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW	Durgun						
1	1	—	—	—	—	—	1	2	19	—	—	—	—	—	3	73	—		9.7	10.0	8.5	7.7	▣ ● ⫽
2	—	—	—	—	1	1	2	1	—	—	—	—	42	4	27	4	23		7.4	3.3	—		▣ ⫽
3	—	—	—	1	1	—	—	—	—	—	—	88	12	—	—	—	—		7.2	1.7	—		
4	—	—	—	1	1	—	—	—	—	—	—	81	19	—	—	—	—		8.3	8.0	1.3		●
5	—	—	—	4	4	—	—	—	—	—	—	52	42	—	—	—	6		5.0	9.7	1.7		●
6	—	—	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—		3.8	3.0	—		●
7	1	1	1	1	—	—	—	—	8	13	48	31	—	—	—	—	—		4.7	3.7	—		
8	1	—	—	—	—	—	—	1	83	—	—	—	—	—	—	17	—		5.7	6.0	1.2		≡ ●
9	1	1	—	1	1	—	—	—	21	2	—	21	29	—	—	—	27		4.1	9.3	—		≡ ●
10	—	—	—	—	3	3	—	—	—	—	—	—	78	22	—	—	—		4.2	5.7	—		≡
inci mluk	4	2	1	9	11	4	3	4	13	2	5	37	22	3	4	9	6		6.0	6.0	12.7	7.7	
11	—	—	—	1	2	—	—	—	—	—	—	4	90	—	—	—	6		4.3	0.7	—		
12	—	—	—	1	1	1	—	—	—	—	—	54	4	34	—	—	8		3.6	2.0	—		⊢
13	—	—	—	1	1	3	2	—	—	—	—	54	17	17	—	—	12		7.0	7.0	12.6		● ⫽
14	—	—	—	—	1	1	—	—	—	—	—	—	31	13	—	—	56		5.0	3.0	—		● ⫽
15	—	—	—	—	1	—	—	—	—	—	—	—	100	—	—	—	—		2.5	0.0	—		⊢
16	—	—	—	—	2	1	—	—	—	—	—	—	88	8	—	—	4		3.1	1.0	—		⊢ ≡ ∞
17	—	—	—	—	4	3	—	—	—	—	—	—	90	10	—	—	—		3.9	2.7	—		≡ ⊢
18	—	—	—	—	1	—	—	—	—	—	—	—	100	—	—	—	—		4.3	1.0	—		⊢ ≡
19	—	—	—	—	2	1	—	—	—	—	—	—	84	8	—	—	8		4.8	0.0	—		⊢
20	—	—	1	2	2	—	—	1	—	—	3	5	21	—	—	4	67		1.7	3.3	—		≡
inci mluk	—	—	1	5	17	10	2	1	—	—	—	12	63	9	—	—	16		4.0	2.1	12.6		
21	4	3	—	—	—	—	—	1	57	39	—	—	—	—	—	2	2		3.5	10.0	—		
22	4	4	1	—	—	—	—	—	79	19	2	—	—	—	—	—	—		3.2	10.0	—		
23	4	8	4	—	—	—	—	—	22	49	21	—	—	—	—	—	8		2.5	7.7	0.7		
24	—	6	3	—	—	—	—	—	—	42	37	—	—	—	—	—	21		2.6	5.7	—		≡ ⊢ ●
25	2	—	—	—	—	—	—	1	70	—	—	—	—	—	—	26	4		3.4	9.7	1.0		≡ ●
26	2	2	2	3	2	—	—	1	29	2	17	17	27	—	—	2	6		4.6	8.3	0.4		●
27	—	—	—	2	3	1	—	—	—	—	—	6	86	8	—	—	—		6.3	6.7	—		⫽
28	2	1	1	—	1	1	1	—	29	10	13	—	25	7	1	—	15		9.6	9.3	2.5		⫽ ●
29	2	2	2	—	—	1	—	2	15	22	6	—	—	9	—	5	43		2.4	4.7	—		
30	1	1	—	2	3	1	—	—	8	9	—	5	31	4	—	—	43		1.4	4.3	—		⊢ ≡ ∂
31	2	2	—	1	—	—	—	—	94	3	—	1	—	—	—	—	2		2.8	10.0	15.3		≡ ●
üncü mluk	23	29	13	8	9	4	1	5	37	18	9	3	15	3	—	3	13		3.8	7.9	19.9		
Toplam Aylık rtalama	27	31	15	22	37	18	6	10	17	7	5	17	33	5	1	4	11		4.6	5.4	45.2	7.7	

[*] Bir gün zarfında her hangi bir yönden esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi — *Pour centage de la proportion de la durée de chaque direction du vent à 24 h.*

Tarih — *Date*	Barometre (O° ye ve O.D.S.) 700 mm + ...				Sıcaklık C° *Température*						Buhar gerilimi *Tension de la vap.* mm.				Bağıl nem % *Humidité relat.*				Aktinom. C°		Güneşte Mak. *Max. noir*	Güneşlenme *Insolation*
	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy.*	Mak *Max*	Min. *Min*	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy*	Beyaz *Blanc*	Siyah *Noir*		Saa *h.*
1	51.6	54.6	58.0	54.7	3.5	2.0	0.2	1.9	7.6	-0.4	5.68	5.29	4.65	5.21	97	100	100	99	4.4	5.6	7.0	–
2	61.3	63.1	66.1	63.5	0.7	1.6	-1.0	0.4	2.4	-1.4	3.86	3.63	2.96	3.48	80	71	70	74	13.6	20.6	29.1	3.
3	69.9	72.2	73.8	72.0	0.1	2.5	2.3	1.6	2.8	-0.4	4.09	4.13	3.31	3.84	89	75	61	75	5.2	6.6	13.0	–
4	73.6	71.8	71.7	72.4	1.1	6.7	0.9	2.9	7.8	0.0	3.05	4.08	4.02	3.72	61	56	82	66	22.0	31.8	32.1	9.
5	69.6	67.0	65.8	67.5	0.5	6.2	5.3	4.0	6.6	-0.3	3.79	4.79	5.01	4.53	80	67	76	74	21.2	30.8	32.1	9.
6	64.5	66.5	67.9	66.3	4.7	4.1	4.8	4.5	4.9	2.6	4.87	6.13	5.81	5.60	76	100	90	89	5.6	6.4	15.3	–
7	68.7	68.1	68.8	68.5	4.5	7.2	3.7	5.1	8.0	2.3	5.89	5.23	4.67	5.26	93	69	78	80	18.6	25.8	33.1	6.
8	70.3	70.1	70.4	70.3	6.1	8.1	5.0	6.4	8.4	3.4	4.64	5.22	5.40	5.09	66	64	83	71	18.8	25.2	31.1	4.
9	70.2	70.5	70.5	70.4	3.5	8.8	5.5	5.9	10.1	2.6	5.88	6.99	6.33	6.40	100	82	94	92	17.0	22.0	36.6	8.
10	66.7	63.0	61.7	63.8	5.1	10.3	8.9	8.1	10.5	4.2	5.75	5.10	5.82	5.56	87	55	69	70	24.8	34.2	35.7	9.
1 inci onluk	**66.6**	**66.7**	**67.5**	**66.9**	**3.0**	**5.8**	**3.6**	**4.1**	**6.9**	**1.3**	**4.75**	**5.06**	**4.80**	**4.87**	**83**	**74**	**80**	**79**	**15.1**	**20.9**	**26.5**	**51.**
11	63.1	63.3	63.8	63.4	5.7	6.1	4.7	5.5	8.2	3.4	5.08	5.36	5.37	5.27	75	77	84	79	8.8	10.0	33.0	0.
12	61.1	62.6	64.5	62.7	4.4	4.3	6.1	4.9	6.2	1.8	5.55	6.22	7.05	6.27	89	100	100	96	5.4	6.0	9.5	–
13	64.1	62.8	61.7	62.9	6.5	10.3	9.4	8.7	11.3	5.5	7.02	6.55	5.41	6.33	97	70	61	76	24.9	34.0	35.5	7.
14	60.1	60.1	62.1	60.8	8.1	14.1	11.5	11.2	15.0	7.0	5.86	6.27	6.87	6.33	72	53	68	64	28.2	37.0	38.6	9.
15	65.7	67.8	70.2	67.9	5.3	3.2	1.9	3.5	10.2	1.5	6.67	5.76	4.76	5.73	100	100	90	97	6.8	8.8	8.8	–
16	69.8	68.9	67.8	68.8	2.7	4.1	2.9	3.2	6.0	2.0	3.09	3.37	3.61	3.36	56	54	65	58	7.2	8.8	36.0	2.
17	66.3	65.1	65.5	65.6	1.5	6.1	2.4	3.3	6.3	0.5	3.69	3.74	3.25	3.56	72	53	60	62	19.0	26.8	33.8	2.
18	65.7	65.2	65.5	65.5	-0.1	5.2	2.7	2.6	7.5	-0.4	4.02	4.38	4.39	4.26	89	66	79	78	7.8	9.4	33.8	1.
19	64.4	61.9	61.8	62.7	1.0	9.3	6.4	5.6	9.4	0.2	4.35	3.66	3.27	3.76	89	42	46	59	18.4	24.2	38.2	5.
20	61.6	61.4	62.4	61.8	5.3	10.2	6.8	7.4	12.4	3.0	3.82	4.62	5.46	4.63	57	49	74	60	25.2	34.0	40.0	5.
2 inci onluk	**64.2**	**63.9**	**64.5**	**64.2**	**4.0**	**7.3**	**5.5**	**5.6**	**9.3**	**2.5**	**4.92**	**4.99**	**4.94**	**4.95**	**80**	**66**	**73**	**73**	**15.2**	**19.9**	**30.7**	**33.**
21	62.1	60.1	60.5	60.9	6.9	10.3	6.9	8.0	11.0	6.0	6.36	6.43	6.58	6.46	85	69	88	81	26.8	36.4	40.3	6.
22	59.8	58.8	59.0	59.2	6.1	9.1	6.5	7.2	9.3	5.6	5.46	4.63	4.61	4.90	78	54	64	65	6.4	6.4	33.0	2.
23	58.5	59.0	62.5	60.0	6.3	7.1	5.4	6.3	8.1	4.6	5.65	5.70	6.71	6.02	79	76	100	85	9.0	10.0	19.0	–
24	66.1	67.9	69.7	67.9	4.5	5.3	3.9	4.6	5.5	3.6	6.10	5.32	5.84	5.75	97	80	97	91	8.2	9.7	15.8	–
25	70.5	71.1	71.9	71.2	3.7	6.4	4.3	4.8	6.4	3.0	5.56	4.77	4.41	4.91	93	66	70	76	15.0	20.0	22.8	0.
26	72.0	71.1	71.0	71.4	3.5	6.0	3.8	4.4	6.5	3.0	3.91	3.70	5.01	4.21	66	53	84	68	13.2	16.8	20.7	0.
27	68.8	66.7	65.1	66.9	3.9	7.5	3.9	5.1	7.6	1.9	4.95	5.05	4.85	4.95	82	65	80	76	15.8	20.8	24.4	–
28	61.4	59.2	57.8	59.5	4.6	8.1	5.8	6.2	9.8	4.2	6.04	6.40	5.85	6.10	95	79	85	86	12.4	14.6	19.3	–
3üncü onluk	**64.9**	**64.2**	**64.7**	**64.6**	**4.9**	**7.5**	**5.1**	**5.8**	**8.0**	**4.0**	**5.50**	**5.25**	**5.48**	**5.41**	**84**	**68**	**86**	**79**	**13.3**	**16.8**	**24.4**	**10.**
Toplam																						95.
Aylık Ortalama	65.3	65.0	65.6	65.3	3.9	6.8	4.7	5.1	7.3	2.5	5.02	5.09	5.05	5.05	82	69	79	77	14.6	19.4	27.4	

Février 1939

Tarih — *Date*	Rüzgâr — *Vent*																	Bulut — *Nuage*	Yağmur *Pluie* mm.	Kar *Neige* cm.	Düşünceler
	Frekans — *Fréquence*								Süre — *Durée* [*]									Hız *Vitesse* m/s.			
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW	Durgun				
1	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	15.7	10.0	24.0	
2	2	—	—	—	—	—	—	1	58	—	—	—	—	—	—	15	27	9.7	8.3	—	
3	3	2	—	—	—	—	—	—	85	11	—	—	—	—	—	—	4	4.3	9.7	0.4	
4	1	—	—	—	1	3	2	1	10	—	—	—	6	29	12	2	41	1.7	2.7	—	
5	—	—	—	—	1	2	1	1	—	—	—	—	6	65	1	9	19	3.3	4.3	—	
6	5	5	2	—	—	—	—	1	46	18	9	—	—	—	—	18	9	4.4	10.0	7.4	
7	2	1	—	—	—	—	—	—	81	2	—	—	—	—	—	—	17	3.6	4.7	—	
8	1	—	—	—	1	1	1	1	33	—	—	—	2	16	1	2	46	4.2	6.3	—	
9	—	—	—	—	3	4	—	—	—	—	—	—	31	52	—	—	17	2.1	2.3	—	
10	2	—	—	—	1	3	3	1	41	—	—	—	4	38	6	10	1	5.8	0.3	—	
1 inci onluk	17	8	2	—	7	13	7	6	45	3	1	—	5	20	2	6	18	5.5	5.9	31.8	
11	1	—	—	—	2	2	2	—	41	—	—	—	21	5	7	—	26	6.8	6.3	—	
12	—	—	—	—	4	5	—	—	—	—	—	—	38	52	—	—	10	3.1	10.0	13.6	
13	—	—	—	2	3	2	—	—	—	—	—	8	53	38	—	—	1	3.7	3.3	—	
14	1	—	—	—	—	1	—	—	37	—	—	—	—	63	—	—	—	7.4	3.0	2.8	
15	3	3	—	—	—	—	—	—	67	33	—	—	—	—	—	—	—	8.5	10.0	8.1	
16	2	2	1	—	—	—	—	—	34	6	27	—	—	—	—	—	33	4.9	9.0	—	
17	2	5	3	—	—	—	—	—	13	30	15	—	—	—	—	—	42	2.1	7.3	—	
18	1	2	1	1	—	—	—	1	19	10	19	17	—	—	—	6	29	1.7	4.3	—	
19	1	1	1	2	2	1	—	—	5	4	2	11	7	4	—	—	67	1.1	3.3	—	
20	2	2	—	1	1	—	—	—	76	17	—	1	1	—	—	—	5	3.0	4.3	—	
2 inci onluk	13	15	6	6	12	11	2	1	29	10	6	4	12	16	1	1	21	4.2	6.1	24.5	
21	2	2	—	—	—	—	—	—	33	67	—	—	—	—	—	—	—	6.9	8.0	—	
22	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	6.2	8.3	—	
23	1	1	—	—	—	—	—	—	88	12	—	—	—	—	—	—	—	6.6	6.7	0.7	
24	2	3	1	—	—	—	—	—	85	10	1	—	—	—	—	—	4	7.8	9.7	2.8	
25	3	4	—	—	—	—	—	—	40	60	—	—	—	—	—	—	—	4.2	9.7	0.4	
26	2	3	—	—	—	—	—	—	12	88	—	—	—	—	—	—	—	3.7	10.0	—	
27	3	4	2	—	—	—	—	—	19	58	23	—	—	—	—	—	—	4.6	8.7	—	
28	3	1	—	—	—	—	—	1	95	1	—	—	—	—	—	1	3	3.9	9.7	—	
3 üncü onluk	16	19	3	—	—	—	—	1	47	49	3	—	—	—	—	—	1	5.5	6.4	3.9	
Toplam	46	42	11	6	19	24	9	8												60.2	
Aylık Ortalama									40	19	4	1	6	11	3	2	14	5.0	6.8		

[*] Bir gün zarfında her hangi bir yönden esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi. — *Pour centage de la proportion de la durée de chaque direction du vent à 24 h.*

Mart 1939

Tarih — *Date*	Barometre (O° ye vo O. D. S.) 700 mm + ...				Sıcaklık G° *Température*						Buhar gerilimi *Tension de la vap.* mm.				Bağıl nem % *Humidité relat.*				Aktinom C°		Güneşte Mak. *Max. noir*	Güneşlenme *Insolation*
	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy.*	Mak. *Max*	Min. *Min*	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy.*	Beyaz *Blanc*	Siyah *Noir*		Saat *h.*
1	56.7	56.6	58.2	57.2	5.3	8.2	5.6	6.4	8.7	4.1	6.35	6.23	5.97	6.18	96	76	88	87	17.6	23.0	26.7	0.2
2	59.4	59.2	60.8	59.8	5.3	7.8	4.7	5.9	8.3	4.4	6.03	5.71	4.08	5.27	91	72	64	76	12.4	15.0	22.7	—
3	62.3	63.2	64.3	63.3	3.9	5.3	3.4	4.2	6.0	1.8	3.87	3.52	4.07	3.82	65	52	70	62	12.8	17.2	26.0	0.8
4	64.9	64.1	66.5	65.2	3.5	5.1	3.5	4.0	5.4	1.5	3.54	4.24	3.91	3.90	60	64	67	64	10.6	13.0	19.0	0.3
5	68.0	68.7	69.2	68.6	3.9	5.4	2.7	4.0	6.8	1.8	3.87	3.56	3.45	3.63	65	52	62	60	20.0	28.4	37.2	0.3
6	69.6	69.9	69.2	69.6	2.6	3.2	0.6	2.1	5.0	-1.2	2.80	3.62	3.66	3.36	50	63	76	63	6.2	7.8	25.7	1.4
7	66.3	62.4	61.1	63.3	0.6	6.2	7.8	4.9	8.1	-1.8	4.31	3.88	4.97	4.39	90	55	63	69	10.0	12.2	25.8	0.2
8	58.2	55.6	53.4	55.7	8.6	11.3	11.3	10.4	12.6	7.8	4.61	6.06	6.99	5.89	55	61	70	62	16.6	19.8	36.5	2.2
9	52.0	57.8	61.8	57.2	1.7	4.8	3.9	3.5	13.5	0.3	5.17	5.52	4.85	5.18	100	85	80	88	6.7	7.7	13.5	—
10	59.8	57.6	57.1	58.2	5.3	12.4	10.2	9.3	13.4	3.2	4.02	3.53	4.18	3.91	61	32	45	46	27.8	31.4	41.5	10.8
1 inci onluk	61.7	61.5	62.2	61.8	4.1	7.0	5.4	5.5	8.8	2.2	4.46	4.59	4.61	4.55	73	61	69	68	14.1	17.6	27.5	22.2
11	57.7	59.1	61.0	59.3	6.7	8.2	4.5	6.5	11.0	4.1	7.34	8.02	5.89	7.08	100	98	93	97	10.8	12.4	14.0	—
12	57.8	51.8	46.4	52.0	4.1	4.8	6.0	5.0	6.2	3.4	5.93	6.02	6.89	6.28	97	93	99	96	6.3	7.2	8.8	—
13	57.3	63.1	66.2	62.2	1.6	3.8	0.9	2.1	4.3	1.0	4.38	4.02	3.24	3.88	85	67	66	73	13.8	19.8	36.3	1.3
14	65.1	60.6	55.9	60.5	0.4	11.6	4.7	5.6	12.0	-1.0	3.76	4.00	4.47	4.08	79	38	70	62	26.7	36.0	39.0	11.2
15	51.9	51.0	51.2	51.4	5.1	5.0	3.4	4.5	9.5	2.6	6.26	6.01	5.15	5.81	96	92	88	92	6.9	8.2	15.5	0.2
16	51.6	51.7	49.6	51.0	2.6	5.8	3.9	4.1	7.8	1.5	4.45	4.92	4.35	4.57	81	71	72	75	23.0	32.8	35.5	3.0
17	49.3	53.2	58.7	53.7	0.3	2.3	3.2	1.9	3.5	0.0	4.68	4.41	3.34	4.14	100	72	59	77	7.0	9.8	12.5	—
18	61.4	61.4	62.9	61.9	2.1	7.9	2.1	4.0	8.5	1.0	3.34	3.88	3.52	3.58	62	48	66	59	32.0	32.8	39.2	10.2
19	62.0	60.1	60.2	60.8	1.7	8.8	3.2	4.6	9.6	-0.8	3.34	3.25	3.72	3.44	66	38	65	56	24.8	34.8	37.4	11.2
20	58.9	56.9	56.3	57.4	4.0	12.0	9.5	8.5	12.8	2.4	4.19	3.65	3.75	3.86	69	34	42	48	27.6	37.2	39.0	10.7
2 inci onluk	57.3	56.9	56.8	57.0	2.9	7.0	4.1	4.7	8.5	1.4	4.77	4.82	4.43	4.67	84	65	72	74	17.9	23.1	27.7	47.8
21	53.8	50.5	45.2	49.8	9.5	15.3	14.6	13.1	16.3	7.4	4.18	4.50	4.11	4.26	46	35	33	38	23.8	28.8	37.3	3.9
22	42.2	42.5	46.1	43.6	7.7	12.0	8.7	9.5	15.8	7.2	6.97	7.16	7.27	7.13	89	68	87	81	28.2	37.9	43.3	5.6
23	48.4	47.8	50.0	48.7	6.3	9.7	6.9	7.6	11.3	5.0	6.71	6.57	7.22	6.83	94	73	97	88	19.5	25.0	32.0	1.6
24	53.7	53.2	52.6	53.2	4.9	12.4	8.4	8.6	12.7	4.6	6.07	5.87	7.00	6.31	93	54	85	77	24.4	32.0	42.3	3.9
25	51.9	53.2	53.4	52.8	10.0	14.7	11.1	11.9	15.5	8.5	5.94	6.75	5.85	6.18	64	54	59	59	30.0	39.4	41.8	7.6
26	53.7	57.2	61.1	57.3	10.5	15.0	10.1	11.9	15.7	8.0	5.54	8.07	6.67	6.76	58	63	72	64	29.8	39.4	41.8	8.4
27	62.3	60.6	59.7	60.9	10.1	21.5	16.5	16.0	22.0	7.0	5.88	5.76	5.69	5.78	63	31	40	45	36.4	45.6	47.5	8.9
28	58.7	53.1	52.3	54.7	16.9	23.2	19.1	19.7	24.0	12.5	7.19	7.04	6.66	6.96	49	32	40	40	37.5	46.2	47.3	4.1
29	57.1	56.0	55.9	56.3	11.3	16.1	11.8	13.1	16.4	9.9	7.46	7.29	5.43	6.73	74	53	53	60	31.5	41.2	43.5	11.7
30	55.9	55.0	56.5	55.8	7.1	13.1	7.3	9.2	14.0	6.1	6.24	7.58	6.36	6.73	83	67	83	78	29.3	39.4	40.7	9.5
31	59.0	60.8	62.5	60.8	6.5	11.9	6.7	8.4	12.0	5.3	5.32	6.17	5.20	5.56	74	59	71	68	28.8	38.8	42.0	7.8
3 üncü onluk	54.2	53.6	54.9	54.0	9.2	15.0	11.0	11.7	16.0	7.4	6.14	6.61	6.13	6.29	72	54	65	63	29.0	37.6	41.8	73.0
Toplam Aylık																						143.0
Ortalama	57.6	57.2	57.6	57.5	5.5	9.8	7.0	7.4	11.2	3.8	5.15	5.38	5.09	5.21	76	60	69	68	20.6	26.5	32.6	

Mars 1939

Tarih — *Date*	Rürgâr — *Vent*																	Bulut — *Nuage*	Yağmur *Pluie* mm.	Kar *Neige* cm.	Düşünceler
	Frekans — *Fréquence*								Süre — *Durée* [*]								Hız *Vitesse* m/s.				
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW	Durgun				
1	1	1	—	—	1	—	—	—	42	55	—	—	—	—	—	—	3	5.1	10.0	—	
2	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	6.1	9.3	—	
3	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	9.7	10.0	0.3	
4	1	2	—	—	—	—	—	—	17	83	—	—	—	—	—	—	—	9.2	9.7	0.7	
5	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	8.6	8.3	—	
6	2	—	—	—	1	1	1	1	46	—	—	—	15	6	2	4	27	6.5	6.3	—	
7	—	—	—	—	3	4	—	—	—	—	—	—	31	69	—	—	—	6.6	9.0	—	
8	1	—	—	—	2	2	—	—	23	—	—	—	46	31	—	—	—	10.4	6.7	14.5	
9	1	—	—	2	3	1	1	1	10	—	—	5	62	9	1	8	5	8.2	6.7	7.3	
10	—	—	—	—	3	5	2	—	—	—	—	—	68	21	10	—	1	6.7	2.0	3.8	
1 inci onluk	7	5	—	2	12	13	4	2	24	34	—	1	22	14	1	1	4	7.7	7.8	26.6	
11	3	4	1	—	1	2	—	—	33	43	1	—	5	18	—	—	—	7.1	10.0	19.2	
12	2	1	—	—	—	—	—	1	65	29	—	—	—	—	—	6	—	7.8	10.0	31.0	
13	2	1	2	1	—	—	—	1	19	8	27	21	—	—	—	25	—	10.6	6.3	0.1	
14	—	4	8	3	2	2	2	—	—	5	33	18	16	19	5	—	4	4.4	5.0	4.8	
15	3	7	5	—	1	3	2	2	10	43	9	—	2	21	6	3	6	4.6	8.0	1.8	
16	2	4	5	1	—	—	—	—	27	55	16	2	—	—	—	—	—	4.2	6.3	20.0	
17	2	3	1	—	—	—	—	—	19	59	7	—	—	—	—	—	15	7.7	10.0	13.5	
18	1	7	4	1	—	—	—	—	5	21	38	6	—	—	—	—	30	3.3	3.7	—	
19	1	1	1	1	2	1	1	—	6	1	6	46	14	24	1	—	2	2.6	0.7	—	
20	—	—	—	1	4	2	—	—	—	—	—	1	70	29	—	—	—	3.7	1.0	—	
2 inci onluk	16	32	28	8	10	10	5	4	18	26	14	9	11	11	1	3	6	5.6	6.1	90.4	
21	—	—	—	3	6	3	1	1	—	—	—	63	21	11	1	4	—	6.1	7.3	0.3	
22	—	—	—	1	4	6	1	—	—	—	—	2	28	48	1	—	21	7.0	7.0	6.2	
23	2	2	3	2	1	—	—	—	43	5	24	9	4	—	—	—	15	2.4	8.3	15.1	
24	—	—	2	3	3	4	1	—	—	—	11	27	27	23	2	—	10	3.6	9.3	1.8	
25	—	—	2	3	3	2	—	—	—	—	10	33	21	36	—	—	—	6.5	2.7	—	
26	—	—	—	2	2	2	2	1	—	—	—	31	20	20	18	4	7	7.5	3.7	4.2	
27	—	—	1	6	5	—	—	—	—	—	21	43	35	—	—	—	1	3.0	1.3	—	
28	—	—	—	1	2	2	—	—	—	—	—	27	5	68	—	—	—	10.5	6.7	0,6	
29	—	—	—	—	3	7	4	1	—	—	—	—	19	29	47	2	3	9.6	1.0	2.8	
30	2	—	—	—	2	4	2	2	34	—	—	—	6	41	6	7	6	4.5	6.0	—	
31	3	4	5	4	1	—	—	1	32	15	24	23	3	—	—	2	1	3.7	5.3	—	
3 üncü onluk	7	6	13	25	32	30	11	6	10	2	8	23	17	25	7	2	6	5.9	5.3	31.0	
Toplam Aylık Ortalama	30	43	41	35	54	53	20	12	17	20	7	12	17	17	3	2	5	6.4	6.4	148.0	

[*] Bir gün zarfında her hangi bir yönden esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi. — *Pour centange de la proprotion de la durée de chaque direction du vent à 24 h.*

Basınç

700 mm. + ...

Ocak 1939 — *Janvier 1939*

Gün *Jour*	SAAT — *HEURE*																							Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	53.6	53.6	53.6	53.0	52.6	52.7	52.8	53.0	53.3	53.5	53.4	53.2	52.7	52.5	52.4	52.2	51.6	51.5	51.7	51.7	51.7	51.6	52.1	52.7	**52.6**
2	53.7	54.6	55.4	56.0	56.5	57.1	58.7	59.3	60.5	61.4	61.9	62.2	62.6	63.1	63 9	64.4	64.8	65.0	65.1	65.6	65.6	65.8	65.8	65.8	**61.5**
3	65.7	65.8	66.3	66.2	66.1	66.3	66.9	67.0	67.4	67.5	67.4	66.7	66.3	66.1	66.3	66.3	66.0	65.8	65.8	65.7	65.5	65.3	65.2	65.2	**66 2**
4	65.0	64.8	64.9	64.4	64.3	64.0	64.1	64.1	64.1	64.0	64.0	63.5	63.0	62.8	63.1	63.0	62.8	62.8	62.8	62.8	62.7	62.9	62.8	62.7	**63.6**
5	62.6	62.5	62.4	62.3	61.9	62.6	62.9	62.8	62.9	62.8	62.6	62.0	61.7	61.5	61.4	61.4	61.1	61.1	61.3	61.2	61.3	61.1	61.0	60.9	**61.9**
6	60.8	60.8	60.7	60.4	59.9	59.9	60.3	60.4	60.5	60.6	60.5	59.5	59.2	58.8	59.1	59.1	59.0	59.0	59.2	59.4	59.5	59.3	59.2	59.1	**59.8**
7	59.0	58.9	58.9	58.8	58.3	58.3	58.5	58.7	58.7	58.4	58.3	57.8	57.1	57.0	57.2	57.3	57.3	57.5	57.6	57.6	57.9	57.8	57.8	57.8	**58.0**
8	57.7	58.4	58.7	58.8	58.8	59.1	59.6	60.2	60.7	61.0	61.2	61.2	61.1	61.6	62.0	62.4	62.8	63.1	63.4	63.6	63.7	63.8	63.8	64.0	**61.3**
9	64.0	64.0	64.2	64.0	63.7	63.8	64.4	65.0	65.0	65.0	65.1	64.4	64.2	64.0	64.1	64.4	64.6	64.9	65.3	65.4	65.6	65.9	65.9	65.9	**64.7**
10	65.8	65.8	66.1	66.0	65.7	65.5	66.0	66.2	66.2	66.2	66.0	65.5	65.0	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.6	64.8	64.9	64.8	**65.3**
1 inci onluk	**607.9**	**609.2**	**611.2**	**609.9**	**607.8**	**609.3**	**614.2**	**616.7**	**619.3**	**620.4**	**620.4**	**616.0**	**612.9**	**612.0**	**614.1**	**615.2**	**614.7**	**615.4**	**616.9**	**617.7**	**618.1**	**618.3**	**618.5**	**618.9**	**61.5**
11	64.8	65.0	65.1	64.9	64.9	64.9	65.0	65.1	65.2	65.3	65.3	64.8	64.4	64.0	64.1	64.2	64.2	64.2	64.1	64.0	64.0	64.0	64.0	64.0	**64.6**
12	64.1	64.0	64.0	64.1	64.0	64.1	64.4	64.6	64.8	65.0	65.2	65.0	64.3	64.4	64.7	65.1	65.1	65.3	65.6	65.6	65.7	65.8	65.9	66.0	**64.9**
13	65.9	65.9	66.1	66.0	65.7	65.7	65.8	65.6	65.5	65.1	65.0	64.3	63.6	62.9	62.9	63.0	62.8	62.7	62.5	62.0	61.6	61.3	61.5	61.2	**63.9**
14	61.4	61.7	62.1	62.7	63.0	64.0	65.1	65.5	66.1	66.6	66.9	66.5	66.1	66.2	66.4	67.0	67.4	67.9	68.1	68.2	68.2	68.3	68.4	68.6	**65.9**
15	68.5	68.5	68.5	68.3	67.9	67.9	68.3	68.4	68.6	68.6	68.8	68.5	68.2	67.8	67.9	68.0	68.2	68.3	68.5	68.7	68.7	68.7	68.7	68.7	**68 4**
16	68.6	68.5	68.5	68.5	68.3	68.2	68.8	69.1	69.3	69.5	69.8	69.6	68.7	68.3	68.3	68.6	68.7	68.8	69.0	69.0	69.0	69.0	69.0	68.9	**68.8**
17	68.9	68.8	68.7	68.5	68.2	68.0	67.9	67.9	67.9	67.9	67.8	67.5	66.6	66.0	66.0	65.9	65.4	65.7	65.7	65.8	65.8	65.7	65.7	66.2	**67.0**
18	66.1	66.1	66.1	66.2	66.0	65.8	65.9	66.0	65.9	65.8	65.8	65.4	65.0	64.4	64.4	64.4	64.4	64.5	64.7	64.7	64.6	64.5	64.5	64.5	**65.2**
19	64.4	64.5	64.7	64.7	64.6	64.5	64.9	65.2	65.3	65.4	65.5	65.6	65.2	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.6	65.7	65.7	65.7	**65.2**
20	65.6	65.5	65.5	65.3	64.9	64.8	64.9	65.1	65.1	65.1	65.0	64.4	64.1	63.7	63.6	63.5	63.3	63.2	63.2	63.1	63.0	62.9	62.8	62.7	**64.2**
2 inci onluk	**658.3**	**658.5**	**659.3**	**659.2**	**657.5**	**657.9**	**661.0**	**662.5**	**663.7**	**664.3**	**665.1**	**661.6**	**656.2**	**652.7**	**653.4**	**654.9**	**654.8**	**656.0**	**656.9**	**656.7**	**656.2**	**655.9**	**656.2**	**656.5**	**65.8**
21	62.6	62.5	62.4	62.1	61.7	61.6	61.6	61.7	61.7	61.7	61.7	61.0	60.5	60.3	60.4	60.5	60.5	60.6	60.7	60.8	60.9	60.9	60.9	61.0	**61.3**
22	61.2	61.3	61.4	61.3	61.1	61.1	61.3	61.4	61.7	61.8	61.8	61.7	61.7	61.7	61.8	62.2	62.6	62.7	62.9	63.1	63.2	63.3	63.3	63.2	**62.0**
23	63.2	63.2	63.2	63.2	63.0	62.9	63.0	63.1	63.1	62.9	62.6	61.7	61.2	60.7	60.6	60.6	60.4	60.4	60.3	60.0	59.6	59.3	59.1	58.6	**61.5**
24	58.5	58.2	58.0	57.7	57.3	57.1	57.0	57.0	56.9	56.8	56.5	56.0	55.3	54 9	54.8	54.7	54.5	54.2	54.0	53.7	53.0	52.8	52.3	51.8	**55.5**
25	51.6	51.5	51.1	50.5	50.2	50.2	50.1	50.0	50.0	49.9	49.7	49.7	49.2	48.8	49.0	49.6	49.8	50 0	50.8	51.0	51.5	51.8	52.0	52.4	**50.4**
26	52.6	52.9	53.3	53.3	53.5	54.1	54.7	55.1	55.3	55.7	56.0	55.8	55.7	55.7	55.7	55.9	56.3	56.5	56.6	56.5	56.7	56.5	56.4	56.3	**55.3**
27	56.3	56.2	56.2	56.1	56.0	56.1	56.3	56.3	56.1	56.1	56.1	55.6	54.9	54.6	54.5	54.5	54.5	54.8	54.8	54.7	54.4	54.2	54.0	54.3	**55.3**
28	54.6	54.8	54.8	54.2	54.4	54.5	55.1	55.4	55.7	55.9	55.8	55.5	55.4	55.4	55.6	56.3	56.9	57.6	58.1	58.7	59.2	59.7	60.0	60.6	**56.4**
29	60.8	61.4	62.1	62.4	63.0	63.2	63.8	64.2	64.8	65.0	65.1	65.0	64.8	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.1	65.1	65.0	**64.1**
30	64.9	64.9	64.8	64.7	64.6	64.5	64.4	64.3	64.2	64.1	64.2	64.0	62.9	62.6	62.2	61.8	61.6	61.5	61.3	61.2	61.1	61.0	60.8	60.2	**63.0**
31	60.0	59.9	59.6	59.2	58.8	58.3	57.9	58.0	57.9	57.6	57.5	57.0	56.2	55.3	54.4	53.9	53.6	53.4	53.3	52.8	52.7	51.9	51.6	51.2	**55.9**
3 üncü onluk	**646.3**	**646.8**	**646.9**	**644.7**	**643.6**	**643.6**	**645.2**	**646.5**	**647.4**	**647.5**	**646.8**	**643.0**	**637.8**	**634.4**	**633.5**	**634.6**	**635.4**	**636 5**	**637.7**	**637.5**	**637.4**	**636.5**	**635.5**	**634.6**	**58.3**
Ortalama	61.7	61.8	61.9	61.7	61.6	61.6	61.9	62.1	62.3	62.3	62.3	61.9	61.5	61.3	61.3	61.4	61.4	61.5	61.7	61.7	61.7	61.6	61.6	61.6	**61.7**

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	51.0	50.8	50 3	50.0	50.3	50.7	51.6	52.3	52.8	53.3	54.0	54.3	54.4	54.6	55.3	56.1	56.5	57.0	57.3	57.6	58.0	58.3	58.5	58.7	**54.3**
2	59.2	59.5	59.8	59.9	60.4	60.7	61.3	62.0	62 6	62.9	63.3	63.3	63.1	63.1	63.5	63.9	64.5	64.8	65.3	75.7	66.1	66.5	66.8	67.4	**63.2**
3	67.7	68.1	68.3	68.7	68.9	69.3	69.9	70.5	71.0	71.6	72.0	72.2	72.2	72.2	72.3	72.5	73.0	73.2	73.5	73.7	73 8	73.8	73.9	74.0	**71.5**
4	73.9	73.9	73.9	73.9	73.8	73.7	73.6	73.7	73.8	74.0	73.6	73.0	72.4	71.8	71.8	71.8	71.8	71.8	71.8	71.7	71.7	71.7	71.6	71.5	**72.8**
5	71.2	70.9	70.7	70.1	70.0	69.8	69.6	69.5	69.4	69.3	69.0	68.4	68.0	67.0	66.7	66.4	66.4	66.3	66.3	66.1	65.8	65.7	65.6	65.4	**68.1**
6	64.9	64.6	64.5	64.4	64.2	64.3	64.5	65.2	66.2	66.7	66.8	66.8	66.7	66.5	66.4	66.4	66.6	66.7	67.0	67.6	67.9	68.0	68.5	68.6	**66.3**
7	68.7	68.7	68.7	68.7	68.7	68.6	68.7	68.8	68.7	68.7	68.6	68.4	68.3	68.1	67.9	67.9	68.0	78.6	68.7	68.8	68.8	69.1	69.5	69.5	**68.6**
8	69.5	69.6	69.7	69.7	69.6	69.7	70.3	70.5	70.6	70.7	70.7	70.8	70.6	70.1	70.0	70.1	70.3	70.5	70.6	70.5	70.4	70.4	70.3	70.2	**70.2**
9	70.0	69.9	69.7	69.6	69.7	69.9	70.2	70.5	70.6	70.7	71.5	71.4	70.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.4	70.2	69.8	**70.4**
10	69.5	68.8	68.3	67.7	67.4	67.0	66.7	66.4	66.0	65.4	65.0	64.1	63.7	63.0	62.4	62.0	61.4	61.2	61.2	61.0	61.7	61.7	61.7	61.8	**64.4**
1inci onluk	665.6	664.8	663.9	662.7	663.0	663.7	666.4	669.4	671.7	673.3	674.5	672.7	670.3	666.9	666.8	667.6	669.0	670.6	672.2	673.2	674.7	675.6	676.6	676.9	**67.0**
11	62.1	62.5	62.7	62.8	62.8	62.9	63.1	63.3	63.6	63.6	63.8	63.7	63.5	63.3	63.3	63.3	73.5	63.6	63.8	63.8	63.8	63.6	63.4	63 3	**63.3**
12	63.0	62.6	62.0	61.7	61.4	61.0	61.1	61.4	61.5	61.9	62.2	62.5	62.6	62.6	62.8	63.0	63.2	63.7	64.1	64.3	64.5	64.7	64.6	64.7	**62.8**
13	64.8	64.7	64.6	64.5	64.4	64.2	64.1	64.2	64.0	64 0	64.1	64.0	63.4	62.8	62.5	62.2	62.0	62.0	62.0	61.9	61.7	61.6	61.2	61.2	**63.2**
14	61.2	61.0	60.8	60 7	60.4	60.1	60.1	60.2	60.4	60.6	60.6	60.6	60.2	60.1	60.2	60.4	60.6	61.2	61.5	61.7	62.1	62.7	62.9	63.3	**61.0**
15	63.5	64.2	64.6	64.5	65.0	65.3	65.7	66.2	66.7	67.1	67.6	67.8	67.8	67.8	68 0	68.2	68.7	69.1	69.8	69.9	70.2	70.3	70.3	70.4	**67.5**
16	70.4	70.3	70.2	70.0	70.0	69.8	69.8	70.0	70.0	69.9	69.9	69.6	69.2	68.9	68.8	68.7	68.6	68.2	68.1	68.0	67.8	67.8	67.7	67.6	**69.1**
17	67.5	67.3	66.9	66.7	66.4	66.2	66.3	66.6	66.8	66.8	66.8	66.3	65.5	65.1	64.9	64.8	74.6	65.0	65.4	65.4	65.5	65.5	65.5	65.5	**66 0**
18	65.5	65.4	65.2	65.0	65.1	65.3	65.7	65.8	65.9	65.9	66.0	65.8	65.4	65 2	65.0	64.9	65.0	65.1	65.2	65.3	65.5	65.5	65.5	65.4	**65.4**
19	65.5	65.1	64.9	64.8	64.7	64.6	64.4	64.2	64.1	64.0	63.7	63.4	62.7	61.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	**63.2**
20	61.8	61.8	61.8	61.8	61.6	61.6	61.6	61.9	62.0	62.1	62.2	62.2	61.9	61.4	61.4	61.4	61.5	61.9	62.3	62.4	62.4	62.5	62.5	61.9	**61.9**
2inci onluk	645.3	644.9	643.7	642.5	641.8	641.0	641.9	643.8	645.0	645.9	646.9	645.9	642.2	639.1	638.7	638.7	639.5	641.6	644.0	644.5	645.3	646.0	645.4	645.7	**64.3**
21	62.4	62.3	62.1	62.1	62.0	62.1	62.1	62.2	62.1	61.8	61.5	61.1	60.5	60.1	60.0	59.9	59.8	59.9	60.1	60.3	60.5	60.4	60.1	60.1	**61.1**
22	60.1	60.2	60.1	60.0	60.0	59.9	59.8	59.7	59.7	59.7	59.6	59.5	59.1	58.8	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	58.8	**59.4**
23	58.8	58.7	58.4	58.2	58.2	58.3	58.5	58.7	58.8	58.9	59.0	59.1	59.0	59.0	59.5	60.2	60.5	61.1	61.6	62.0	62.5	62.7	63.1	63.3	**59.9**
24	63.7	64.1	64.3	64.8	65.2	65.6	66.1	66.8	67.0	67.2	67.3	67.8	67.8	67.9	68.1	68.3	68.7	68.9	69.0	69.3	69.7	69.9	69 9	70.0	**67.4**
25	70.2	70.2	70.1	70.0	70.2	70.3	70.5	71.0	71.2	71.5	71.7	71.8	71.3	71.1	71.3	71.3	71.3	71.4	71.7	71.9	71.9	71.9	71.9	72.0	**71.2**
26	72.0	72.1	72.0	71,8	71.9	72.0	72.0	72.0	72.0	71.8	71.9	71.8	71.5	71.1	71.0	70.9	70.7	70.7	70.9	71.1	71.0	70.8	70.4	70.5	**71.4**
27	70.6	70.5	70.0	69.5	69.1	69.0	68.8	68.1	68.7	68 0	67.9	67.8	67.5	66.7	66.5	66.2	66.1	66.0	66.0	65.7	65.1	64.9	64.5	63.9	**67.4**
28	63.3	63.1	62.7	62.5	62.0	61.8	61.4	61.5	61.4	61.3	60.6	60.0	59.7	59.2	59.0	58.5	58.2	58.1	58.1	58.1	57.8	57.7	57.6	57.3	**60.0**
3üncü onluk	521.1	521.2	519.7	518.9	518.6	519.0	519.2	520.0	520.9	520.2	519.5	518.9	516.4	513 9	514.1	514.0	514.0	514.8	516.4	517.4	517.5	517.3	516.5	515.9	**64.7**
Ortalama	65.4	65.4	65 3	65.2	65.1	65.1	65.3	65.5	65.6	65.7	65.8	65.6	65 3	65.0	65.0	65.0	65.1	65.3	65.4	65.5	65.6	65.7	65.7	65.7	**65.4**

Basınç

700 mm. + ...

Mart 1939 — *Mars 1939*

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	57.3	57.1	56.9	56.3	56.4	56.5	56.7	56.7	56.7	56.8	56.9	56 8	56.8	56.6	56.6	56.7	56.9	57.3	57.7	57.9	58.2	58.5	58.6	58.7	**57.2**
2	58.8	58.9	58.8	58.7	59.1	59.2	59.4	59.5	59.7	59.7	59.8	59.8	59.5	59.2	59.1	59.1	59.7	59.9	60.6	60.7	60.8	61.0	61.0	61.1	**59.7**
3	61.2	61.2	61.3	61.3	61.7	62.0	62.3	62.5	62.9	63.3	63.6	63.9	63.7	63.2	63.2	63 2	63.2	63.5	64.0	64.5	64 3	64.3	64.2	63.9	**63.0**
4	63.9	63.9	63.9	64.1	64.4	64.7	64.9	64.9	64.7	64.6	64.5	64.3	64.2	64.1	64.1	64.4	64.9	65.3	66.0	66.2	66.5	66.8	67.0	67.0	**65.0**
5	67.1	67.2	67.0	67.0	67.2	67.5	68.0	68.4	68.6	69.0	69.1	69.2	69.0	68.7	68.9	68.9	68.9	68.9	69.0	69.2	69.2	69.2	69.1	69 3	**68.5**
6	69.4	69.6	69.5	69.4	69.2	69.2	69.6	69.7	69.9	70.1	70.2	70.3	70.1	69.9	69.7	69.5	69.3	69.3	69.3	69.3	69.2	69.0	68.8	68.3	**69.5**
7	68.2	68.0	67.5	67.2	66.9	66.6	66.3	66.1	65.8	65.2	64.5	64.2	63.5	62.4	62.2	61.9	61.2	61.0	61.0	61.3	61.1	60.9	60.7	60.3	**63.9**
8	60.0	59.8	59.8	59.5	58.7	58.5	58.2	58.4	58.2	58.1	57.5	57.2	56 6	55.6	55.2	51.8	54.6	54.5	53.8	53.7	53.4	53.2	52.6	51.8	**56.4**
9	51.2	50.0	49.6	49.0	50.7	52.0	52.0	53.3	54.5	55.8	56.6	57.6	57.6	57.8	59.0	60.1	60.5	60.3	60.6	61.2	61.8	62.0	62.0	61 8	**56.5**
10	62.0	62.0	61.6	61.0	60.5	60.1	59.8	59.5	59.1	59.0	58.9	58.8	58.2	57.6	57.6	57.3	56.9	57.2	57.2	57.2	57.1	57.0	56.9	56.7	**58.7**
1 inci onluk	**619.1**	**617.7**	**615.9**	**613.5**	**614.8**	**616.3**	**617.2**	**619.0**	**620.1**	**621.6**	**621.6**	**622.1**	**619 2**	**615.1**	**615.6**	**615.9**	**616.1**	**617.2**	**619.2**	**621.2**	**621.6**	**621.9**	**620.9**	**618.9**	**61.8**
11	56.6	56.6	56.2	55.8	56.2	57.2	57.7	57.8	58.0	58.2	58.5	58.8	59.1	59.1	59.4	59.9	60.1	60.8	60.9	61.0	61.0	61.0	61.0	60.5	**58.8**
12	60.3	60.2	59.7	59.2	58 8	58.3	57.8	57.3	56.9	56.2	55.3	54.4	53.1	51.8	50 9	49.2	48.9	48.7	47.3	47.0	46.4	46.4	46.3	46.3	**53.2**
13	48.0	49.3	50.5	52.3	54.3	55.8	57.3	58.6	59.7	60.4	61.3	62.3	62.8	63.1	63.6	64.2	64.6	65.3	65.7	66.0	66.2	66.3	66.3	66.1	**60.4**
14	66.2	66.2	65.7	65 5	65.4	65.3	65.1	64.9	64.7	64.4	63.8	62.9	61.7	60.6	60.0	59.4	58.6	57.8	57.6	56.9	55.9	55.7	54.8	53.4	**61.4**
15	52.8	53.0	53.0	52.5	52.2	52.2	51.9	52.7	52.2	51.5	51.7	51.2	51.2	51.0	50.8	50.8	50.9	50.8	51.0	51.2	51.2	51.2	51.0	50.9	**51.6**
16	50.9	50.9	50.9	50.8	50.8	51.0	51.6	52.0	52.3	52.4	52.9	53.0	52.7	51.7	52.0	51.7	51.3	51.3	51.3	50.7	49.6	48.9	48.3	47.9	**51.1**
17	47.1	46.9	47.0	47.4	48.0	48.5	49.3	49.6	50.1	51.0	51 5	52.1	52.9	53.2	54.1	55.0	55.6	56.7	57.5	58.3	58.7	59.1	59.5	59.6	**52.9**
18	60.0	60.3	60.4	60.6	60.8	61.0	61.4	61.7	62 0	62.2	62.3	62.0	61.7	61.4	61.3	61.0	61.6	61.9	62.2	62.7	62.9	63.1	63.1	63.0	**61.7**
19	62.8	62.8	62.5	62.3	62.2	62.1	62.0	62.1	62.1	61.8	61.5	61.1	60.7	60.1	59.9	59.8	59.7	59.6	49.9	60.1	60.2	60.2	60.2	60.0	**61.1**
20	59.8	59.5	59.3	59.0	59.0	59.0	58.9	58.8	58.7	58.8	59.0	58.4	58.0	56.9	56.8	56.7	56.6	56.5	56.4	56.3	56.3	56.3	56.3	56.1	**57.8**
2 inci onluk	**564.5**	**565.7**	**565.2**	**565.4**	**567.7**	**570.4**	**573.0**	**575.5**	**576.7**	**576.9**	**577.8**	**576.2**	**573.9**	**568.9**	**568.8**	**567.7**	**567.9**	**569.4**	**569.8**	**570.2**	**568.4**	**568 2**	**566.8**	**563.8**	**57.0**
21	55.5	55.2	54 8	54.5	54.2	54.0	53.8	53.6	53.2	53.1	52.5	52.2	51.2	50.5	49.5	48.8	48.1	47.1	46.9	46.2	45.2	45.0	44.3	43.2	**50.5**
22	42.8	43.3	42.9	42.3	42.9	43.5	42.2	41.4	41.4	41.6	42.3	42.4	42.5	42.5	42.6	43.0	44.0	44.4	44.9	45.7	46.1	46.5	47.0	47.1	**43.6**
23	47.5	47.8	47.8	47.8	48.1	48.2	48.4	48.6	48.6	49.0	49.0	48.7	48.3	47.8	47.6	47.7	48.0	49.0	49.3	49.8	50.0	50.3	50.5	50.9	**48.7**
24	51.4	51.6	52.0	52.2	52.4	53.2	53.7	54.0	54.1	54.1	54.1	54.1	53.9	53.2	53.1	53.0	52 8	52.6	52.6	52.8	52.6	52.5	52.1	51.9	**52.9**
25	51.6	51.5	51.4	51.1	51.4	51.5	51.9	52.0	52.8	53.2	53.4	53.4	53.3	53.2	53.0	53.1	53.0	52.8	52.9	53.4	53.4	53.3	52.8	52.3	**52.6**
26	51.8	51.4	51.3	53.7	53.0	53.5	53.7	54.0	55.2	55.4	55.8	56.5	57.0	57.2	57.6	58.0	58.6	59.1	59.7	60.3	61.1	61.7	61.8	62.1	**56.7**
27	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.6	62.4	62.7	62.8	62.1	61.8	60.6	60.4	60.2	60.1	60.1	60.1	60.0	59.7	59.2	59.1	58.9	**61.2**
28	58.3	57.7	57.6	57.5	57.4	57.6	58.7	59.3	57.0	56.6	55.7	55.4	54.4	53.1	52.3	51.8	51.2	51.4	52.0	52.2	52.3	53.2	53.5	54.6	**55.0**
29	55.5	55.9	56.0	56.4	56.7	56.8	57.1	56.8	56.6	56.7	56.9	56.5	56.4	56.0	55.6	55.2	55.1	55.2	55.4	55.7	55.9	56.0	56.3	56.2	**56.1**
30	56.1	56.0	55.8	55.7	55.4	56.0	55.9	55.5	55.6	55.8	55.8	55.7	55.4	55.0	54.9	54.8	54.6	54.5	55.1	56.1	56.5	56.6	56.9	57.2	**55.7**
31	57.5	57.6	57.8	57.8	58.0	58.4	59.0	59.1	59.4	59.8	60.1	60.3	60.7	60.8	61.0	61.2	61.3	61.7	61.9	62.3	62.5	62.6	62.8	62.8	**60.3**
3 üncü onluk	**590.1**	**590.2**	**589.7**	**591.3**	**591.8**	**595.0**	**596.7**	**596.9**	**596.3**	**598.0**	**598.4**	**597.3**	**594.9**	**589.9**	**587.6**	**586.8**	**586.8**	**587.9**	**590.8**	**594.5**	**595.3**	**596.9**	**597.1**	**597.2**	**53.9**

Gün *Jour*	SAAT — *HEURE* 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Ortalama *Moyer*
1	4.5	4.5	4.5	4.7	4.7	5.5	5.5	6.0	7.0	4.6	4.6	4.8	3.3	2.8	2.5	2.0	1.5	0.6	0.2	-0.2	-0.3	-0.3	-0.4	-0.6	3.0
2	-0.7	-0.6	-0.7	-0.6	-0.6	-0.8	-1.0	-1.5	-1.6	-1.8	-1.7	-1.0	-0.1	0.0	0.3	0.0	-0.2	0.0	0.0	0.0	0.1	0.4	0.5	2.4	-0.4
3	2.0	2.8	3.2	3.2	3.4	3.5	3.5	3.6	4.5	5.0	5.5	5.8	6.1	6.4	6.5	6.4	4.5	4.5	4.5	4.6	4.5	4.5	4.5	4.2	4.5
4	4.7	4.7	4.7	4.8	4.9	5.6	5.7	6.5	7.1	8.3	8 8	9.3	7.8	7.8	8.0	9.0	8.3	8.3	8.3	8.5	9.6	9.5	8.2	9.2	7.4
5	9.0	9.0	8.9	9.1	9.0	8.3	7.9	8.0	8.2	8.6	9.3	10.3	9.9	9.6	9.9	9.5	9.3	8.7	8.5	8.6	8.1	8.0	8.2	8.3	8.8
6	8.3	7.5	8.2	8.2	8.3	8.4	8.9	8.3	9.2	9.7	10.7	11.5	12.6	12.9	13.1	11.5	10.8	10.4	9.4	8.5	8.5	7.6	8.5	8.5	9.6
7	8.8	7.9	7.7	7.7	7.4	7.4	7.7	8.6	10.0	11.2	12.5	11.6	13.9	13.3	12.3	11.3	10.3	9.8	9.6	9.5	8.6	9.0	9.3	9.5	9.8
8	6.4	7.7	6.5	13.6	7.0	7.0	5.7	5.6	5.7	6.9	9.4	9.5	8.8	8.2	8.0	7.8	7.3	7.2	7.2	7.1	7.0	7.0	7.0	6.4	7.5
9	5.8	5.3	5 2	5.3	5.2	5.2	4,9	4.9	4.8	4.7	5.0	5.7	5.5	6.0	6.0	6.0	6.0	6.1	5.4	5.4	5 4	5.1	5.2	5.3	5.4
10	4.6	4.8	4.4	4.4	4 4	4.3	3.9	3.7	5.4	6.3	6.5	6.4	7.8	8.0	7.9	6.9	6.0	5.5	6.3	7.0	6.9	6.7	6.7	6.7	5.9
1 inci onluk	**53.4**	**53 6**	**52.6**	**60.4**	**53.7**	**54.4**	**52.7**	**53.7**	**60.3**	**63.5**	**70.6**	**73.7**	**75.6**	**75.1**	**74.5**	**70.4**	**63.8**	**61.1**	**59.4**	**59.0**	**58.4**	**57.5**	**57.7**	**59.9**	**6.1**
11	6.8	6.7	6.7	6.6	6.4	6.4	6.5	6.5	7.5	8.5	9.0	9.9	10.3	10.3	10.4	9.5	8.5	7.9	7.4	7.2	7.3	7.5	7.1	7.2	7.8
12	6.0	6.2	6.5	6.6	6.7	6.7	6.3	7.9	9.4	9.7	10.3	9.5	10.4	10.7	10.6	10.5	9.4	9.2	8.4	7.9	7.3	7.5	7.3	7.0	8.3
13	6.6	7.0	6.8	7 3	7.0	7.4	7.7	8.2	9.2	10.3	10.2	10.8	11.2	12.3	12.0	10.4	10.6	11.5	11.3	11.0	9.7	9.0	8.7	9.0	9.4
14	9.5	9.8	9.4	8.3	8.5	8.1	7.9	7.0	7.8	9.0	10.7	11.3	12.0	12.4	11.8	11.4	9.8	9.4	8.5	8.3	8.1	8.1	7.6	7.3	9.3
15	7.6	7.6	7.4	7.3	7.3	7.3	6.9	7.3	7.5	9.2	10.3	10.6	11.3	11.5	11.2	10.3	8.9	8.6	8.5	8.5	8.5	8.4	8.4	8.3	8.7
16	7.5	7.5	7.1	6.8	6.6	6.7	6.5	7.4	8.6	9.6	10.5	10.0	10.4	10.1	10.1	10.1	9.0	8.2	8.0	7.4	6.9	7.6	7.9	7.9	8.3
17	7.1	7.1	7.1	7.0	5.6	6.0	6.1	6.3	7.4	9.0	9.6	10.2	11.4	11.0	10.4	10.0	8.1	8.3	8.3	8.3	8.3	8.2	8.4	8.4	8.2
18	8.2	7.8	7.7	7.6	7.4	7.4	7.7	8.0	8.7	10.2	11.2	11.3	11.2	12.0	11.0	11.6	8.4	8.0	7.4	8.0	8.0	7.8	8.0	8.0	8.9
19	8.2	8.0	7.6	7.5	7.8	8.1	7.7	9.0	10.0	10.8	10.5	12.2	12.7	13.1	13.3	12.8	12.6	11.3	11.8	10.4	10.3	10.3	10.3	9.6	10.3
20	10 0	9.6	9.0	9.2	9.0	8.7	9.1	9.0	11.4	12.8	14.1	14.8	15.4	15.7	15.0	14.3	13.5	12.5	12.6	11.7	11.8	11.5	11.5	11.2	11.8
2 inci onluk	**77.5**	**77.3**	**75.3**	**74.2**	**72.3**	**72.8**	**72.4**	**76.6**	**87.5**	**99.1**	**106.4**	**110.6**	**116.3**	**11.91**	**115.8**	**110.9**	**98.8**	**94 9**	**92.2**	**88.7**	**86.2**	**85.9**	**85.2**	**83.9**	**9.1**
21	11.0	10.3	10.2	9.2	10.1	8.0	9.5	9.2	8.2	8.8	9.3	10,1	10,3	9.1	8.9	8.6	8.5	7.7	7.6	7.4	7.8	8.0	8.1	8.9	9.0
22	7.9	7.9	8.0	8.2	8.1	7.6	7.5	7.5	8.3	8.8	9.1	10.0	9.8	10.0	9.9	9.0	8.3	8.1	8.0	8.0	8.0	7.5	7.6	7.7	8.4
23	7.6	7.4	7.4	7.3	7.0	7.0	6.9	7.0	7.2	7.8	8 6	8.5	9.1	9.1	8.2	7.9	7.8	7.3	7.2	6.2	6.7	5.4	5.5	5.5	7.3
24	5.3	5.4	5.6	6.0	6.7	6.4	6.9	7.4	8.2	9.3	10.0	10.5	12.0	13.3	14.0	12.5	11.4	10.0	9.0	8 4	8.0	9.0	8.9	8.1	8.9
25	7.9	9.0	10.0	9.0	9.0	9.1	8.1	9.2	8.0	8.4	9.4	9.2	9.3	9.9	9.7	9.2	8.5	8.5	8.4	8.4	8.3	8.4	8.4	8.3	8.8
26	8.0	7.5	6.9	6.8	6.9	6.6	6.5	6.5	6.5	6.5	6.5	7.1	7.3	8.1	8.4	7.9	7.3	6.6	5.8	8.3	5.2	5.2	5.4	7.5	6.8
27	9.2	9.0	9.2	9.8	8.3	8.4	8.5	9.0	10.6	12.0	13.2	13.4	14.0	12 6	13.8	13 3	12.8	12.6	12.3	12.4	11.5	12.8	12.3	11.7	11.4
28	12 2	11.9	12.2	12.4	12.2	12.0	11.1	11.5	11.5	11.6	12.9	13.8	13.7	13.5	14.0	12.7	11.8	10.0	9.9	9.0	8.3	8.1	8.1	7.9	11.4
29	8.1	8.6	8.0	7.9	7.7	7.7	7 7	7.6	8.7	9.3	11.0	11.9	11.3	12.3	12.5	11.0	10 3	9.2	8.3	7.9	7.1	6.9	7.3	7 4	9.0
30	7.6	7.9	7.6	7.5	7.7	8.0	7.9	8.4	9.5	11.6	12.3	12.7	13.3	13.6	14.2	13.0	12.0	10.8	11.0	10.5	10.7	10.5	10.5	10.6	10.4
31	10.5	10.0	10.0	10.0	10.4	10.4	1.04	9.5	10.4	10.3	11.0	11.2	11.0	9.3	9.0	8.3	8.3	8.2	8.2	8.0	8.0	8.0	7.9	7.8	9.4
3üncü onluk	**95.3**	**94.9**	**95.1**	**94.1**	**94.1**	**91.2**	**91.0**	**92.8**	**97.1**	**104.4**	**113.3**	**118.4**	**121.1**	**120.8**	**122.6**	**113.4**	**107.0**	**98.9**	**95.7**	**91.5**	**3 9.6**	**89 8**	**90.0**	**91.4**	**9.1**
Ortalama	7.3	7.3	7.2	7.4	7.1	7.0	7.0	7.2	7.9	8.6	9.4	9.8	10.1	10.2	10.1	9.5	8.7	8.2	8.0	7.7	7.6	7.5	7.5	7.6	8.2

Sıcaklık — *Température*

Şubat 1939 — *Février 1939*

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	7.6	7.4	6.9	6.4	5.1	4.1	3.5	3.0	2.4	2.4	2.3	2.3	1.8	2.0	1.0	0.4	1.0	0.6	0.4	0.0	0.2	0.0	0.0	0.2	2.6
2	0.2	0.2	0.3	0.4	0.5	0.7	0.7	1.3	1.2	1.0	1.3	1.8	2.4	1.6	1.2	1.1	0.2	-0.7	-0.9	-1.0	-1.0	-1.0	-1.0	-0.2	0.4
3	-0.2	-0.2	0.1	0.1	0.1	0.0	0.1	0.4	0.6	2.3	1.9	1 5	2.8	2.5	3.1	2.2	2.4	1.9	2.2	2.3	2.3	2.3	2.2	2.0	1.5
4	2.0	2.0	1.6	1.5	1.3	1.2	1.1	2.0	3.0	4.0	5.1	6.5	6.0	6.7	6 7	6.1	4.0	2.7	1.7	1.0	0.9	0.8	0.8	0.0	2.9
5	0.0	0.2	0.8	0.6	0.3	0.3	0.5	1.2	2.3	4.3	5.5	5.6	6.0	6.2	6.6	6.0	5.7	5.0	5.1	5.3	5.3	5.4	5.4	5.3	3.7
6	4.8	4.6	4.6	4.6	4.4	4.8	4.7	4.0	2.9	3.4	3.4	3.8	4.1	4.1	4.2	4.2	4.2	4.0	4.5	4.0	4.8	4.8	4.8	4.8	4.3
7	4.7	4.7	4.0	4.5	4.6	4.5	4.5	5.0	5.4	5.8	6.7	7.3	7.3	7.2	7.3	6.9	5.7	4.5	4.5	4.0	3.7	3.4	4.0	4.8	5.2
8	4.5	4.5	3.7	5.0	5.9	5.9	6.1	5.9	6.0	6.6	7.2	8.0	8.2	8.1	7.6	7.4	6.5	5.7	5.2	4.9	5.0	4.4	4.5	4.9	5.9
9	4.3	3.8	3.5	3.8	3.6	3.5	3.5	3.8	5.5	7.5	8.4	9.6	9.7	8.8	9.3	9.0	8.4	7.0	6.3	5.9	5.5	5.4	5.0	5.0	6.1
10	5.2	4.6	4.7	5.3	5.0	4.2	5.1	6.0	7.7	8.3	9.4	9.7	9.9	10.3	10.8	10.4	9.8	8.9	9.3	8.6	8.9	8.9	9.1	8.7	7.9
1 inci onluk	33.1	31.8	30.2	32.2	30.8	29.2	29.8	32.6	37.0	45.6	51.2	56.1	58.2	57.5	57.8	53.7	47.9	39.6	38.3	35.2	35.6	34.4	34.8	35.5	4.0
11	7.6	7.5	7.5	6.3	6.3	6.2	5.7	6.4	6.6	7.0	7.0	7.6	6.9	6.1	6.8	6.0	5.0	5.3	5.3	4.5	4.7	4.2	3.9	3.7	6.0
12	3.0	3.2	3.3	2.9	3.6	3.6	4.4	4.7	4.5	4.5	4.5	4.4	4.1	4.3	4.3	4.5	4.9	5.3	5.6	6.0	6.1	6.1	6.0	6.1	4.6
13	6.0	5.9	5.9	6.1	6.3	6.4	6.5	6.7	6.8	7.7	9.6	9.9	10.0	10.3	10.8	10.7	10.2	9.6	9.4	9.3	9.4	9.8	9.9	10.4	8.5
14	9.7	9.3	9.0	8.3	9.0	7.0	8.1	8.6	9.7	10.2	11.9	12.4	12.5	14.1	14.8	12.8	13.9	11.8	11.4	11.6	11.5	11.4	11.2	11.2	10.9
15	10.2	7.6	6.9	6.3	6.2	5.5	5.3	4.6	4.0	3.9	3.7	3.4	3.3	3.2	3.1	2.7	2.4	2.4	2.3	2.0	1.9	1.7	1,7	2.5	4.0
16	2.5	2.6	2.5	2.7	2.9	2.6	2.7	3.1	4.0	4.5	5.0	5.2	5.0	4.1	4.1	3.7	3.5	3.3	3.0	2.9	2.9	2.9	2.9	2.0	3.4
17	1.7	1.6	1.3	1.3	1,0	1.5	1.5	1.9	2.7	4.2	5.3	5.8	4.6	6.1	5.3	6.0	4.5	3.0	2.5	1.8	2.4	1.5	1.3	1.6	2.9
18	1.4	1.4	0.9	0.8	0.3	0.2	-0.1	0.8	1.8	3.0	5.4	5.5	7.5	5.2	5.4	5.2	4.8	3.9	3.9	3.1	2.7	1.8	1.4	1.7	2.8
19	1.6	1.5	1.0	1.3	1.0	0.9	1.0	2.2	5.0	6.4	7.8	8.0	8.1	9.3	9,1	8.4	8.4	7.2	6.8	7.0	6.4	6.4	5.4	5.2	5.2
20	5.3	5.6	5.2	4.7	4.5	5.2	5.3	5.4	3.5	6.3	8.9	9.0	12.4	10.2	9.8	8.4	9.1	7.6	7.0	6.9	6.8	6.2	6.2	6.2	6 9
2 inci onluk	49.0	46.2	43.5	40.7	41.1	39.1	40.4	44.4	48.6	57.7	69.1	71.2	74.4	72.9	73.5	68.4	66.7	59.4	57.2	55.1	54.8	52.0	49.9	50.6	5.5
21	6.6	6.3	6.6	6.6	6.6	6.7	6.9	7.3	7.5	8.7	10.4	10.9	10.8	10.3	10.0	9.2	8.8	7.3	7.1	7.0	6.9	6.7	6.6	6.6	7.9
22	6.5	6.3	6.2	6.2	6.1	6.1	6.1	6.2	6.4	6.8	7.0	7.8	7.9	9.1	8.2	7.8	7.0	6.5	6.8	6.4	6.5	6.3	6.5	6.3	6.8
23	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	8.0	6.7	7.1	7.1	7.0	6.8	5.4	5.5	5.8	5.4	5.6	5.2	5.6	6.3
24	5.3	5.3	5.2	5.0	5.0	4.8	4.5	4.3	4.8	5.0	5.8	5.5	5.2	5.3	5.1	5.2	5.1	4.9	4.7	4.1	3.9	3.8	4.0	4.0	4.8
25	4.0	4.3	4.4	4.5	4.3	4.0	3.7	4.4	5.2	5.4	4.4	5.2	6.0	6.4	6.3	5.6	5.0	4.5	4.3	4.3	4.3	4.4	4.0	3.7	4.7
26	3.8	3.9	4.0	3.9	3.5	3.5	3.5	3.4	3.6	4.8	4.7	5.3	6.0	6.0	5.8	5.4	5.0	4.6	4.1	4.2	3.8	3.4	3.7	4.3	4.3
27	4.0	3.5	3.5	2.8	3.1	2.9	3.9	5.7	6.6	6.8	7.2	7.8	7.4	7.5	6.9	5.9	5.2	4.3	4.1	4.0	3.9	4.0	4.0	4.1	5.0
28	4.2	4.6	4.6	4.5	4.7	4.8	4.6	5.3	6.5	7.4	8.3	9.5	9.8	8.1	7.8	7.9	7.8	6.9	6.4	6.1	5.8	5.7	5.2	5.0	6.3
3 üncü onluk	40.7	40.6	40.8	39.8	39.6	39.1	39.5	42.9	46.9	51.2	54.2	60.0	59.8	59.8	57.2	54.0	50.7	44.4	42.9	41.9	40.5	39.4	39.2	39 6	5.8

Gün *Jour*	SAAT — *HEURE*																							Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	4.4	4.8	4.7	4.9	4.9	5.0	5.3	5.5	6.8	7.4	8.0	8.5	8.3	8.2	8.1	7.4	6.8	6.3	6.1	5.7	5.6	5.6	5.5	5.4	6.2
2	5.2	5.3	5.1	4.9	4.9	4.9	5.3	6.3	7.3	7.8	7.6	7.6	7.9	7.8	8.0	7.8	7.3	6.7	5.9	5.2	4.7	4.6	4.7	4.4	6.1
3	4.4	4.6	4.5	4.4	4.2	3.9	3.9	4.2	4.1	3.1	3.2	5.2	5.5	5.3	5.2	4.9	3.4	4.0	3.8	2.0	3.4	3.0	3.9	4.2	4.1
4	3.8	4.4	4.3	4.1	3.8	3.3	3.5	3.9	4.5	4.3	4.6	4.5	4.5	5.1	4.8	4.5	2.8	3.0	2.4	3.7	3.5	4.0	3.6	3.9	4.0
5	4.4	4.2	4.1	4.2	4.2	3.7	3.9	4.2	4.9	4.5	5.3	6.5	5.0	5.4	5.7	4.0	3.6	2.2	2.8	2.8	2.7	2.4	2.7	2.4	4.0
6	2.2	2.2	1.6	1.8	2.3	2.6	2 6	2.4	2.8	3.9	4.1	4.9	4.1	3.2	3.5	4.1	3.3	2.3	1.8	0.8	0.6	0.5	0.2	-0.9	2.4
7	-1.0	-0.8	-1.0	-0.3	-0.6	-0.2	0.6	2.0	4.0	4.5	4.9	5.0	5.3	6.2	6.4	7.3	7.8	8.1	7.8	7.2	7.8	7.8	8.1	8.0	4.4
8	8.2	8.0	8.0	8.0	8.2	8.7	8.6	9.0	10.0	10.7	11.0	10.4	11.0	11.3	12.1	12.4	12.1	11.0	11.6	11.5	11.3	11.8	11.8	12.1	10.4
9	12.2	13.0	13.3	12.4	4.1	1.8	1.7	0.9	1.5	2.0	2.6	3.2	5.0	4.8	5.0	5.6	5.7	5.5	4.0	4.0	3.9	4.1	4.2	4.1	5.2
10	3.7	4.0	4.0	5.0	5.7	5.3	5 3	6.0	7.6	9.0	10.5	11.4	11.8	12.4	13.0	13.3	12.9	11.5	11.1	11.0	10.2	10.0	10.0	10.6	9.0
1 inci onluk	**47.5**	**49.7**	**48.6**	**49.4**	**41.7**	**39.0**	**40.7**	**44.4**	**53.5**	**57.2**	**61.8**	**67.2**	**68.4**	**69.7**	**71.8**	**71.3**	**65.7**	**60.6**	**57.3**	**53.9**	**53.7**	**53.8**	**54.7**	**54.2**	5.6
11	10.7	10.4	10.3	10.2	9.5	6.7	6.7	7.8	8.0	8.1	8.6	8.2	8.2	8.2	8.5	5.6	5.2	4.7	4.6	4.6	4.5	4.5	4.3	4.5	7.2
12	4.3	4.1	4.0	3.7	3.7	4.0	4.1	4.3	4.3	4.8	4.4	4.7	4.8	4.8	4.7	4.9	5.0	5.4	5.7	6.0	6.0	6.1	6.1	6.0	4.8
13	4.0	3.0	2.0	1.7	1.4	1.4	1.6	1.0	1.3	1.5	2.5	3.4	3.4	3.8	3.3	3.6	3.4	2.2	1.9	1.3	0.9	0.7	0.0	-0.4	2.0
14	-0.6	-0.6	-0.1	-0.3	-0.5	-0.7	0.4	2.8	5.7	7.5	9.1	10.0	11.0	11.6	10.7	8.4	6.8	5.7	5.1	4.8	4.7	5.0	5.4	7.4	5.0
15	9.5	6.4	6.6	7.0	7.2	6.3	5.1	4.9	5.0	5.7	5.5	5.3	5.0	5.0	5.6	5.6	6.2	5.3	4.3	3.8	3 4	3.3	3.1	2.9	5.3
16	2.9	2.6	2.3	2.5	2.3	2.2	2.6	3.9	5.1	5.5	5.2	5.9	6.6	5.8	7.6	6.0	5.0	4.0	3.4	3.5	3.9	4.2	4.3	3.0	4.2
17	2.2	1.5	1.3	1.4	0.2	0.2	0.3	1.0	1.5	1.3	1.2	1.4	1.6	2.3	2.0	3.5	3.5	3.5	3.3	2.8	3.2	3.2	3.2	3.1	2.0
18	2.6	2.8	2.3	1.4	1.5	2.0	2.1	3.0	5.9	7.6	8.0	8.4	6.0	7.9	7.0	7.0	5.8	4.1	3.0	2.0	2.1	2.0	1.7	1.3	4.1
19	1.1	0.4	-0.5	-0.2	0.1	0.5	1.7	3.7	5.2	7.5	8.3	8.7	8.8	8.8	9.4	9.6	7.7	5.2	4.7	3.5	3.2	3.0	3.0	3.4	4.5
20	3.4	3.7	3 3	3.4	4.0	3.3	4.0	6.6	8.0	8.9	9.4	11.0	11.7	12.0	12.4	11.5	10.6	10.0	10.1	10.5	9.5	10.4	9.3	9.0	8.2
2 inci onluk	**40.1**	**34.3**	**31.5**	**30.8**	**29.4**	**25.9**	**28.6**	**39 0**	**50.0**	**58.4**	**62.2**	**67.0**	**67.1**	**70.2**	**71.2**	**65.7**	**59.2**	**50.1**	**46.1**	**42.8**	**41.4**	**42.4**	**40.4**	**40.2**	4.7
21	10.0	10.5	8.6	8.5	9.0	9.4	9.5	11.1	12 5	13.9	12.8	13.4	15.7	15.3	16.0	15.4	15.2	14.3	14.3	14.7	14.6	15.2	15.3	15.5	13.0
22	15.6	15.5	12.6	11.5	8.3	7.5	7.7	9.2	11.4	12.0	11.0	10.0	12.2	12.0	12.8	12.0	9.3	9.2	9.0	8.8	8.7	8.5	7.2	7.2	10.4
23	7.2	7.2	7.0	6.9	6.5	5.3	6.3	7.9	9.4	10.0	10.4	10.9	10.8	9.7	9.8	10.0	9.0	8.2	7.5	7.0	6.9	7.0	6.8	6.3	8.1
24	6.2	5.0	5.0	5.1	4.9	4.7	4.9	5.6	6.8	9.0	11.0	10.3	12.2	12.4	11.6	12.1	12.1	10.0	8.9	8.9	8.4	8 6	8.3	8.4	8.4
25	9.7	10.1	10.8	9.8	10.2	10.5	10.0	10.5	9.8	12.0	12.6	13.5	14.5	14.7	15.5	15.5	15.5	14.4	13.4	11.2	11.1	10.7	11.0	10.6	12.0
26	11.9	12.4	13.2	10.0	9.6	10.0	10.5	11.0	10.2	10.3	12.2	13.4	14.0	15.0	15.4	15.5	15.5	14.0	12.1	11.5	10.1	10.0	9.8	9.5	12.0
27	9.6	8.4	9.0	8.6	8.3	8.3	10.1	12.4	15.3	16.8	18.3	1.78	20.0	21.5	22.0	21.4	20.6	17.7	16.5	16.9	16.5	21.0	20.7	21.0	15.8
28	16.6	17.7	18.4	18.7	20.4	20.0	16.9	14.0	16.0	18.3	19.4	21.8	22.3	23.2	23.8	22.4	23.0	20.0	18.0	17.4	19.1	16.8	17.0	13.5	19.0
29	12.3	11.8	11.5	11.2	10.9	10.5	11.3	12.0	13.0	14.0	14.1	15.0	16.4	16.1	16.1	16.1	15.1	13.3	12.4	12.2	11.8	11.2	10.8	10.2	12.9
30	9.4	9.6	9.6	7.5	8.5	7.4	7.1	8.6	9.7	11.0	11.7	12.5	12.0	13.1	14.0	13.0	12.0	10.8	9.4	8.2	7.3	7.0	6.2	6.8	9.7
31	6.9	7.0	7.1	6.9	7.0	6.3	6.5	7.0	9.5	10.0	12.0	10.8	11.7	11.9	11.5	11.5	11.0	10.0	8.5	8.4	6.7	6.1	6.1	5.8	8.6
3üncü onluk	**115.4**	**115.2**	**112.8**	**104.7**	**103.6**	**99.9**	**100.8**	**109.3**	**123.6**	**137.3**	**145.5**	**149.4**	**161.8**	**164.9**	**168.5**	**164.9**	**158.3**	**141.9**	**130.0**	**125.2**	**121.2**	**122.1**	**119.2**	**114.8**	11.8
Ortalama	6.5	6.4	6.2	6.0	5.6	5.3	5.5	6.2	7.3	8.2	8.7	9.1	9.6	9.8	10.0	9.7	9.1	8.1	7.5	7.2	7.0	7.0	6.9	6.7	7.5

Bağıl nem — *Humidité relative*

Ocak 1939 — *Janvier 1939*

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	100	99	98	96	97	96	97	90	86	97	97	97	98	98	99	100	100	100	100	100	100	100	100	100	**98**
2	100	100	100	100	100	100	100	100	100	100	?	?	?	85	?	?	?	?	?	?	74	70	72	83	**92**
3	71	71	71	70	69	68	67	66	63	61	60	62	62	62	56	60	61	59	50	47	46	47	48	48	**60**
4	46	50	49	50	50	48	50	46	45	45	47	50	61	64	72	68	63	62	63	60	56	65	68	57	**56**
5	60	58	57	60	62	75	95	90	86	80	73	63	72	75	62	63	70	70	66	67	71	74	72	75	**71**
6	74	81	80	76	75	64	63	62	58	60	59	55	55	54	52	58	62	56	59	64	63	66	61	63	**63**
7	58	62	63	60	60	61	59	55	53	50	46	48	45	44	48	50	50	53	54	56	57	58	55	55	**54**
8	70	65	70	60	75	80	82	90	90	85	78	83	90	92	95	91	90	93	90	93	87	84	87	100	**84**
9	100	100	100	100	99	99	98	98	98	98	98	98	92	89	90	90	92	90	92	95	91	90	90	90	**95**
10	80	80	82	73	73	76	87	94	95	88	88	90	82	86	80	86	91	97	90	90	80	85	88	90	**86**
1inci onluk	**759**	**766**	**770**	**745**	**760**	**767**	**798**	**791**	**774**	**764**	**646**	**646**	**657**	**749**	**654**	**666**	**679**	**680**	**664**	**672**	**725**	**739**	**741**	**761**	**75**
11	86	88	90	95	94	90	88	83	76	73	70	68	60	65	58	53	70	70	71	77	76	76	80	71	**76**
12	77	76	80	75	74	82	77	62	57	63	62	61	70	67	62	63	69	70	74	71	72	70	70	71	**70**
13	74	71	72	71	71	66	61	58	54	48	53	50	50	49	55	60	60	66	60	62	82	96	93	86	**65**
14	80	75	80	96	95	95	93	81	80	76	81	74	78	74	71	73	79	73	80	86	83	80	83	87	**81**
15	82	82	83	83	81	83	83	84	87	85	80	75	70	70	70	71	80	78	79	78	76	83	80	80	**79**
16	83	88	94	96	94	93	91	85	83	79	75	76	79	79	79	79	85	86	87	88	93	85	80	79	**85**
17	85	80	80	85	97	100	91	88	85	76	72	68	53	61	63	70	78	80	83	79	78	78	80	85	**79**
18	95	97	95	100	99	92	89	85	81	75	68	63	69	77	79	72	85	90	92	80	77	84	82	86	**84**
19	83	85	83	93	90	98	80	75	70	63	65	63	62	65	61	66	62	73	74	77	78	76	77	80	**75**
20	78	81	86	82	91	83	79	76	68	65	60	55	54	54	52	56	55	61	60	61	64	65	66	67	**68**
2inci onluk	**823**	**823**	**843**	**876**	**886**	**882**	**832**	**777**	**741**	**703**	**686**	**653**	**644**	**661**	**650**	**663**	**723**	**747**	**760**	**759**	**779**	**793**	**791**	**792**	**76**
21	68	70	73	80	72	90	77	83	92	90	90	84	80	87	92	90	90	97	96	94	93	93	92	91	**86**
22	91	91	91	90	86	83	91	91	95	90	88	73	85	75	78	80	88	93	98	91	91	96	93	90	**88**
23	90	100	97	96	97	96	97	97	93	91	85	84	83	82	88	92	90	92	93	94	95	96	100	100	**93**
24	100	100	99	94	89	92	94	90	85	90	90	87	78	70	53	50	73	74	77	85	83	70	66	70	**82**
25	77	82	70	74	80	70	78	76	80	86	86	91	97	91	86	90	94	95	98	96	95	95	95	98	**87**
26	100	100	100	98	94	100	97	98	100	95	90	82	82	83	77	82	88	90	93	96	97	95	95	82	**92**
27	73	72	70	65	80	80	80	75	65	56	52	48	50	58	60	57	65	64	64	70	71	64	64	72	**66**
28	67	70	69	67	70	74	78	75	76	70	67	63	69	67	68	76	86	93	90	80	95	97	97	90	**77**
29	80	65	75	83	84	81	83	81	75	72	62	68	74	71	46	31	34	40	42	46	48	47	48	46	**62**
30	43	47	50	52	55	58	62	70	66	66	71	66	77	73	68	74	80	83	82	85	79	79	80	80	**69**
31	81	87	87	88	90	89	85	98	95	97	89	90	91	100	100	100	100	99	99	99	99	99	99	99	**94**
3üncü onluk	**870**	**884**	**881**	**887**	**897**	**913**	**922**	**934**	**922**	**903**	**870**	**836**	**866**	**857**	**816**	**822**	**888**	**920**	**932**	**936**	**946**	**931**	**929**	**918**	**81**

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	99	99	90	98	98	97	97	97	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	99
2	100	100	100	100	100	81	80	78	80	77	76	72	74	71	65	60	63	58	63	65	70	67	71	62	76
3	73	70	75	75	82	83	89	83	70	60	68	88	95	75	52	74	70	80	63	60	61	64	58	57	72
4	55	54	55	57	60	58	61	61	61	55	50	43	50	56	42	53	60	67	70	80	82	75	85	74	61
5	70	67	65	73	75	78	80	79	78	77	73	73	70	67	67	63	68	70	75	73	76	74	75	77	73
6	78	82	83	82	79	76	76	83	100	94	93	93	100	100	100	90	94	100	90	95	90	100	95	90	90
7	88	90	91	93	94	92	93	85	81	80	73	68	70	69	62	64	70	74	78	81	78	80	80	80	80
8	83	90	92	86	85	86	66	62	64	65	66	70	65	64	70	70	70	74	78	87	83	83	77	73	75
9	74	82	95	100	98	99	100	95	90	85	80	72	75	82	77	72	80	91	94	94	95	100	100	100	89
10	100	100	100	100	100	98	87	73	63	64	60	50	58	55	56	53	60	72	68	75	69	60	55	60	72
1 inci onluk	820	834	855	864	871	848	829	796	785	755	738	728	757	739	691	699	735	786	779	810	803	803	796	773	79
11	65	64	64	82	83	75	75	75	75	78	75	70	74	77	73	81	90	85	72	80	84	84	87	83	77
12	90	96	95	95	90	92	89	91	86	97	100	95	97	100	100	100	100	100	100	100	100	100	100	100	96
13	100	100	100	97	97	97	97	96	88	80	76	74	73	70	67	60	60	56	60	62	61	59	50	52	76
14	58	60	62	64	56	70	72	73	66	63	53	55	59	53	50	60	57	62	67	67	68	69	71	72	63
15	96	100	100	95	95	100	100	100	100	100	100	100	100	100	100	90	90	90	93	96	90	90	82	77	95
16	70	63	60	58	56	56	56	50	47	44	40	39	47	54	60	60	60	66	67	68	65	62	61	61	57
17	59	56	60	60	67	70	72	72	76	70	55	52	60	53	55	52	55	56	58	62	60	68	82	73	63
18	88	80	76	74	76	81	89	80	78	75	70	65	60	66	67	69	76	72	77	79	79	74	85	82	76
19	80	84	82	83	83	82	89	80	73	65	58	55	48	42	40	48	46	43	50	44	46	48	50	50	61
20	44	44	46	60	65	53	57	65	60	52	40	40	40	49	60	70	73	75	80	83	74	90	95	95	63
2 inci onluk	750	747	745	768	768	776	796	782	749	724	667	645	658	664	672	700	707	705	724	741	727	744	763	745	73
21	95	95	95	90	80	93	85	90	85	76	60	60	63	69	70	73	80	85	86	86	88	88	86	81	82
22	80	80	80	80	78	78	78	76	75	73	70	67	62	54	57	58	64	63	66	68	64	67	73	67	70
23	69	70	72	80	88	84	79	76	78	77	77	68	80	76	76	74	80	100	93	91	100	94	80	78	81
24	90	95	90	100	100	90	97	90	85	80	76	81	83	80	82	81	85	88	89	100	97	95	90	90	89
25	95	97	98	98	86	92	93	95	87	80	94	74	67	66	69	68	70	70	71	72	70	60	62	66	79
26	66	63	61	68	67	66	66	66	64	55	63	57	54	53	55	51	60	63	83	80	84	80	76	62	65
27	62	66	68	73	73	78	82	80	74	70	66	62	66	65	66	71	75	76	78	79	80	81	83	86	73
28	88	90	91	93	90	93	95	93	88	85	75	60	60	79	85	83	87	83	90	97	85	97	97	94	87
3üncü onluk	645	656	655	682	662	674	675	666	636	596	581	529	235	542	560	559	601	628	656	673	668	662	647	624	78
Ortalama	79	80	81	83	82	82	82	80	78	74	71	68	70	69	69	70	73	76	77	79	79	79	79	77	76

Bağıl nem — *Humidité relative*

Mart 1939 — *Mars 1939*

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	100	98	97	97	97	97	96	95	86	80	75	72	76	76	74	76	78	83	89	92	88	90	88	90	87
2	91	91	90	93	91	92	91	80	70	68	70	67	74	72	66	65	70	73	67	68	64	63	62	57	75
3	57	56	58	55	67	73	65	60	68	83	60	54	53	52	53	56	75	70	85	85	70	83	70	60	65
4	60	57	58	58	65	56	60	70	58	70	62	65	65	64	65	69	80	75	70	56	67	58	70	62	64
5	60	56	62	45	43	54	65	50	53	46	50	50	50	52	56	59	62	74	63	62	62	70	65	60	57
6	60	64	57	57	61	51	50	58	63	53	53	53	56	63	61	55	65	70	70	78	76	76	77	83	63
7	83	84	81	81	81	93	90	90	80	73	65	63	60	55	61	60	50	50	60	73	63	67	61	57	70
8	52	54	58	56	57	53	55	54	54	50	55	60	63	61	60	60	62	72	69	69	70	68	68	68	60
9	69	65	67	75	100	100	100	100	100	100	100	100	90	85	89	73	80	80	83	80	80	85	80	78	86
10	80	77	75	66	60	66	61	60	50	44	34	38	30	32	31	29	31	33	35	38	45	50	54	40	48
1 inci onluk	712	702	703	683	722	735	733	717	682	667	624	622	617	612	616	602	653	680	691	701	685	710	695	655	68
11	45	47	51	55	62	100	100	100	100	100	93	90	95	98	90	100	98	93	92	93	93	90	91	92	86
12	90	95	98	100	100	100	97	95	96	94	94	90	91	93	95	100	97	99	99	99	99	99	99	99	97
13	99	99	99	99	99	99	85	95	85	80	74	70	68	67	64	59	62	69	68	70	66	70	75	77	79
14	76	73	70	77	80	83	79	65	55	43	40	39	32	38	50	54	60	67	73	75	70	70	70	61	62
15	61	100	100	80	82	86	96	88	81	78	88	95	94	92	88	85	87	80	83	93	88	88	85	85	87
16	82	84	85	79	82	80	81	75	65	65	73	70	70	71	65	63	68	69	72	70	72	71	70	85	74
17	96	100	100	100	100	100	100	100	100	100	100	100	100	72	65	62	57	60	70	66	59	61	55	61	83
18	65	62	60	69	62	65	62	64	58	45	43	40	51	48	41	36	45	50	57	67	66	68	66	66	57
19	70	77	79	80	75	75	66	57	60	42	58	53	56	38	35	33	50	58	55	60	65	67	64	68	60
20	74	84	83	78	68	73	69	62	60	51	54	36	36	34	37	41	41	40	40	38	42	43	52	60	54
2 inci onluk	758	831	825	812	810	861	835	801	760	698	717	683	693	651	630	633	665	685	709	731	720	727	727	754	74
21	53	45	60	60	55	52	46	50	42	40	46	44	37	35	28	33	35	36	34	32	33	31	30	29	41
22	27	30	50	50	83	95	89	80	60	48	65	78	68	68	68	68	98	93	90	92	87	92	100	97	74
23	97	97	95	96	90	87	94	87	76	70	70	73	70	73	64	74	77	88	90	95	97	97	97	97	86
24	97	97	95	93	92	94	93	93	77	70	60	55	55	54	42	50	52	67	72	84	85	75	78	75	75
25	65	67	70	65	55	53	64	60	74	63	55	52	52	54	50	45	34	47	48	56	59	57	51	58	56
26	45	48	40	80	63	58	58	67	94	80	70	67	65	63	57	45	34	43	55	58	72	80	82	78	63
27	75	75	73	70	75	70	63	55	45	40	37	35	33	31	26	28	30	40	44	48	40	45	50	48	49
28	43	40	35	35	25	24	49	80	70	53	45	38	34	32	26	31	25	34	41	45	40	52	55	77	43
29	76	78	78	80	85	85	74	74	70	70	63	59	53	53	42	40	44	53	56	58	53	62	70	75	65
30	75	78	90	90	92	100	83	80	75	67	68	70	68	67	62	50	52	70	80	80	83	83	95	86	77
31	90	91	83	92	80	80	74	78	68	64	57	68	64	59	57	53	55	57	61	67	71	81	80	83	71
3üncü onuk	743	746	769	811	795	798	787	804	751	665	636	639	599	589	522	517	536	628	671	715	720	755	788	803	64

Çökelek — *Précipitation*

Ocak 1939 — *Janvier 1939*

Gün *Jour*	SAAT — *HEURE* 0—2	2—4	4—6	6—8	8—10	10—12	12—14	14—16	16—18	18—29	20—22	22—24	Toplam m/m	Devam Müddeti *Durée*
1	—	—	0.3	0.2	0.3	0.2	1.2	2 1	2.1	2.1	← Kar →		16.2	—
2	← Kar →					—	—	—	—	—	—	—	0.3	0/30
4	—	—	—	—	—	—	—	0.3	—	—	—	—	0.3	0/30
5	—	—	1.0	0.4	0.2	0.1	—	—	0.1	0.1	0.3	0.2	2.4	4/00
6	0.1	0.2	—	—	—	—	—	—	—	—	—	—	0.3	1/15
8	—	—	—	—	—	—	—	—	—	—	—	0.9	0.9	1/15
9	0.3	—	—	—	—	—	—	—	—	—	—	—	0.3	1/30
13	—	—	—	—	—	—	—	—	0.1	0.1	2.5	8.0	10.7	2/30
14	0.4	1.1	0.3	0.1	—	—	—	—	—	—	—	—	1.9	2/15
24	—	—	0.7	—	—	—	—	—	—	—	—	—	0.7	0/30
25	—	—	—	—	—	—	0.6	—	—	—	—	—	0.6	0/45
26	—	—	—	0.6	0.2	—	—	—	—	—	—	—	0.8	1/30
28	—	—	—	—	—	—	—	—	1.0	0.2	—	1.3	2.5	2/30
31	—	—	—	—	—	—	—	—	—	0.9	1.8	0.8	3.5	5/00
oplam	—	—	—	—	—	—	—	—	—	—	—	—	41.1	—

Şubat 1939 — *Février 1939*

1	1.6	4.6	2.5	5.6	5.7	4.6	3.9	1.6	0.5	1.4	1.7	0.7	34.4	24/00
2	0.5	0.7	0.2	← Kar →		—	—	—	—	—	—	—	1 4	6/00
3	—	—	—	—	← Arasıra hafif kar →								0.4	—
6	—	—	—	—	0.4	—	1.6	0.1	0.2	0.4	1.0	0.8	4.5	6/15
7	—	1.3	1.5	0.1	—	—	—	—	—	—	—	—	2.9	4/15
12	—	—	—	1.5	4.5	1.5	3,8	1.5	0.8	—	—	—	13.6	11/30
15	—	0.8	0.3	2.6	1.6	1.5	2.6	0.3	0.4	0.6	0.2	—	10.9	17/00
23	—	—	—	—	—	—	—	—	← Kar →	—	—	0.1	0.1	1/50
24	—	—	0.4	0.3	—	—	—	—	—	—	0.4	0.1	1.2	4/30
25	0.5	0.7	1.0	—	—	0.4	—	—	—	—	—	—	2.6	4/15
oplam	—	—	—	—	—	—	—	—	—	—	—	—	72.0	—

Mart 1939 — *Mars 1939*

3	—	—	—	—	—	—	—	—	—	0.2	—	0.1	0.3	2/00
4	—	—	—	—	—	—	—	—	0.5	0.2	—	—	0.7	1/15
9	—	—	10.5	6.6	3.2	1.1	0.2	—	0.2	—	—	—	21.8	8/45
11	—	—	1.4	4.0	4.3	2.3	2.5	0.9	1 3	0.4	0.1	0.6	17.8	17/00
12	1.7	1.0	1.3	1.5	1.0	2.5	0.2	1.1	9.6	4.5	0.1	0.6	25.1	16/15
13	6.0	3.8	1.3	0.1	—	—	—	—	—	—	—	—	11.2	6/00
15	1.1	3.7	—	—	—	0.6	1.1	0.1	—	—	—	—	6.6	5/00
16	—	—	—	—	—	0.5	—	—	—	—	—	2.1	2.6	1/15
17	11.2	2.8	2.0	4.7	6.0	3.5	0.7	—	—	—	—	—	30.9	13/15
22	—	—	0.3	—	—	—	—	—	1.5	1.0	0.3	2.8	5.9	5/30
23	0.6	—	—	—	—	—	—	—	0.5	2.2	2.2	3.8	9.3	7/30
24	4,4	2.0	—	—	—	—	—	—	—	—	0.3	0.9	7.6	6/15
25	0.3	0.3	—	—	—	—	—	—	—	—	—	—	0.6	1/00
26	—	—	—	—	4.2	—	—	—	—	—	—	—	4.2	1/00
28	—	—	—	0,3	0.3	—	—	—	—	—	—	—	0.6	1/00
30	—	—	1.1	1.7	—	—	—	—	—	—	—	—	2.8	1/30
oplam	25.3	13.6	17.9	18.9	19 0	10.5	4.7	2.1	13.6	8.5	3.0	10.9	148.0	94/30

Gün *Jour*	SAAT — *HEURE*											
	1	2	3	4	5	6	7	8	9	10	11	12
1	NE 2	NEE 1	NEE 1	NEE 1	E 3	E 0	E 1	SEE 4	S 5	NW 8	NW 7	NW
2	NW 13	NW 10	NW 11	NW 11	NW 10	NW 17	NW 11	NWW 9	NWW 7	NWW 6	NWW 4	NWW
3	S 6	S 8	S 8	S 6	S 8	S 7	S 7	S 7	S 7	S 6	S 7	S
4	SE 10	SE 8	SE 3	SE 8	SE 6	SE 7	SE 8	SE 11	SE 11	SE 11	SE 8	SE
5	SE 7	SE 10	SE 9	SSE 10	SSE 9	SSE 5	SSW 6	SSE 5	SSE 5	S 9	S 4	S
6	SSE 4	SSE 3	SSE 2	SSE 4	SSE 6	SSE 1	SSE 5	SE 3	SE 1	SE 6	SE 6	SE
7	SE 4	SEE 4	SE 4	SE 5	SE 5	SE 5	SE 5	SE 4	SEE 2	SE 5	SE 2	SE
8	E 0	NEE 2	NEE 0	E 3	NE 3	NE 3	NE 3	NNE 4	NNE 3	NNE 3	NNE 3	NNW
9	N 7	N 7	N 9	N 7	N 6	N 7	N 5	N 6	N 6	N 5	N 4	N
10	SSE 2	SSE 3	SSE 2	SSE 1	SSE 0	SSE 0	SSE 3	SSE 4	S 4	SSW 6	SSW 6	SSW
11	SSW 5	SSW 6	SSW 5	SSW 5	SSW 4	SSW 6	SSW 6	SSW 4	SSW 4	SSW 5	SSW 7	SSW
12	S 2	S 2	S 3	SSE 4	SSE 3	S 5	S 6	SSE 7	S 5	S 5	SSW 3	SSW
13	SE 2	SE 2	SE 3	SSE 1	SE 3	SE 6	SE 7	SE 9	SE 9	SE 10	SE 10	SE
14	SSE 13	SSE 14	SSW 15	SW 10	SWW 8	SWW 8	SWW 4	W 4	W 5	SW 4	SW 4	SWW
15	S 0	S 1	S 0	S 0	S 0	S 0	S 2	SSE 3	S 4	S 4	S 5	S
16	S 4	S 4	S 4	S 3	S 3	S 4	S 3	S 4	S 4	SSW 5	SSW 6	SSW
17	SSE 2	SSE 1	SSE 2	SSE 2	S 3	SSE 3	S 5	S 4	S 3	S 5	SSW 7	SSW
18	SSW 5	S 5	S 5	SSW 6	S 5	S 5	S 5	S 4	S 6	S 5	SSW 7	SSW
19	S 5	S 5	S 5	S 4	S 5	S 6	S 6	S 6	S 8	SSW 9	SSW 7	SSW
20	SSE 4	SSE 3	S 4	SSE 3	SSE 3	SSE 4	SSE 2	SSE 2	SSE 2	SSE 0	SSE 0	S
21	SEE 1	SEE 0	SEE 0	SEE 0	SEE 1	SE 0	SEE 2	NEE 1	NEE 0	NW 1	NNW 1	NNW
22	NNE 6	NNE 7	NNE 7	NNE 7	NNE 5	NNE 5	NNE 3	N 2	N 1	NNE 1	NNE 1	NNE
23	NNE 3	NNE 3	NNE 3	NNE 4	NNE 3	NNE 5	NNE 4	NEE 5	NE 3	N 3	NNE 3	NNE
24	NE 1	NE 1	NE 1	NEE 3	E 4	E 3	E 0	NEE 2	NEE 4	NE 2	NE 0	NE
25	NE 4	E 3	E 4	E 0	SEE 2	SEE 3	SEE 2	NEE 1	NE 2	NNE 2	N 1	N
26	NNW 3	NNW 5	NW 6	NW 7	NW 6	NW 7	NNW 6	NNW 4	NNW 5	NNW 4	NNW 3	NNW
27	SSE 4	SSE 3	SSE 1	S 5	S 3	S 4	S 3	S 3	SSE 2	SSE 4	SSE 3	SSE
28	S 10	S 12	S 15	S 18	S 16	SSW 17	SSW 12	SSW 14	SSW 10	SSW 9	SSW 19	SSW
29	NNE 4	NE 4	NE 3	NEE 1	E 3	E 3	E 2	E 2	E 0	E 0	N 0	NW
30	NEE 2	NEE 1	NEE 1	NEE 0	NEE 0	NEE 1	NEE 1	NEE 1	NEE 1	NEE 0	E 1	E
31	SE 0	SE 3	SSE 4	S 4	S 3	S 3	S 1	NNW 3	NNW 0	N 4	N 1	N
Galip yön	SE	SE	SE	SSE	SE	SSE	SSE	SE	SE	SSE	S	SSW

SAAT — *HEURE*												Gün *Jour*
13	14	15	16	17	18	19	20	21	22	23	24	
W 9	NW 12	NNW 14	NNW 14	NNW 18	NNW 20	NW 15	NW 14	NW 17	NW 19	NW 21	NW 19	1
WW 4	NWW 4	SWW 4	SWW 4	SWW 1	SWW 0	SWW 2	SWW 2	SWW 2	SWW 2	SWW 0	SSW 7	2
9	S 9	S 8	S 7	S 4	S 7	SE 8	SE 2	SE 8	SE 9	SE 7	SE 6	3
9	SE 8	SSE 8	SSE 9	SSE 9	SSE 9	SSE 9	SSE 10	SSE 11	SSE 9	SSE 10	SSE 7	4
1	S 2	SSE 6	SSE 6	SSE 7	SSE 6	SE 2	SE 0	SSE 3	SE 4	SE 5	SSE 4	5
4	SE 3	SE 2	SE 5	SE 5	SE 5	SE 3	SEE 3	SEE 6	SEE 5	SE 6	SE 6	6
7	SE 7	SE 5	SE 4	SEE 3	E 1	E 4	E 4	E 2	E 5	E 4	E 3	7
NW 7	NNW 7	N 7	N 9	N 8	N 9	N 7	N 8	N 8	N 9	N 7	N 7	8
2	N 0	N 0	N 1	NE 2	NE 1	SSE 3	SSE 0	SSE 0	SSE 1	SSE 2	SSE 2	9
W 5	SSW 7	SSW 5	SSW 5	S 5	S 4	S 4	S 5	S 5	S 4	S 5	SSW 5	10
W 7	SSW 6	SSW 5	SSW 5	SSW 4	S 4	S 4	S 2	S 3	S 2	S 2	S 3	11
W 6	SSW 5	SSW 6	SSW 6	SSW 4	SSW 2	SSE 0	SE 1	SE 1	SE 2	SE 2	SE 2	12
8	SE 8	SE 6	SE 9	SE 11	SE 8	SE 8	SE 13	SE 11	SSE 13	SSE 8	SSE 11	13
VW 3	SSW 4	S 4	S 2	S 2	S 1	S 2	S 2	S 0	S 0	S 0	S 0	14
6	S 5	S 4	S 3	S 3	S 4	S 2	S 2	S 3	S 2	S 3	S 3	15
W 6	SSW 5	SSW 4	SSW 1	SSW 2	SSW 2	SSW 3	S 1	S 2	S 3	SSE 3	SSE 3	16
W 7	SSW 8	SSW 6	S 6	SSW 4	SSW 5	S 4	S 4	S 4	S 5	S 5	S 4	17
W 5	SSW 4	SSW 4	SSW 4	S 4	SSE 4	SSE 4	S 4	S 4	S 4	S 5	S 5	18
W 7	SSW 7	SSW 6	SSW 4	SSW 4	S 4	S 4	S 4	S 3	S 3	S 3	S 4	19
6	S 3	S 3	S 1	S 0	S 0	S 0	SE 0	SE 0	SE 0	SE 0	SEE 1	20
6	N 6	N 6	N 4	N 3	N 4	NNE 6	NNE 8	NNE 7	NNE 7	NNE 6	NNE 5	21
NE 3	NNE 6	NNE 5	NNE 5	NNE 5	NNE 5	NNE 5	NNE 5	NNE 5	NNE 4	NNE 6	NNE 4	22
NE 2	NNE 3	N 1	N 2	N 4	NE 3	NEE 4	NEE 4	NE 2	NE 4	NE 3	NE 2	23
1	NE 1	NEE 2	NEE 1	NEE 3	NEE 4	NE 3	NE 5	NEE 5	NEE 5	NEE 6	NEE 5	24
4	N 4	N 4	N 4	N 3	N 2	N 4	N 3	NNW 1	NNW 2	NNW 1	NW 2	25
NW 4	NNW 2	NNW 1	N 1	N 2	E 3	E 4	E 0	NNE 3	NNE 0	E 3	SE 2	26
8	S 7	S 10	S 14	S 10	S 9	S 8	S 11	S 10	S 13	S 15	S 14	27
W 16	SSW 13	SSW 16	SSW 12	SW 7	N 4	N 2	N 2	N 0	N 0	N 1	NNE 3	28
3	SW 0	SW 1	N 4	N 4	NNE 5	NNE 4	NNE 6	NEE 6	NE 4	NE 4	NEE 4	29
3	S 2	SSW 2	SSW 2	SSW 1	SSW 2	S 1	S 2	SE 2	SE 0	SE 0	SE 1	30
3	N 5	N 3	N 4	N 5	N 4	N 3	N 3	N 4	NE 2	N 5	N 4	31
W	SSW	S	S	S	SE	SE	SE	SE	SE	SE	SE	Galip yön

077378

Gün *Jour*	SAAT — *HEURE*											
	1	2	3	4	5	6	7	8	9	10	11	12
1	N 6	N 6	N 10	N 13	N 12	N 15	N 15	N 16	NNE 16	NNE 16	NNE 15	NNE
2	NNW 13	NNW 12	NNW 12	NNW 10	NNW 10	NNW 12	NNW 12	NNW 11	NNW 11	NNW 10	NNW 9	NNW
3	N 2	NW 0	NW 1	NW 3	NNW 1	NNW 1	NNW 0	NNW 1	NNW 0	NEE 0	NNE 0	NNW
4	NNE 4	NNE 4	NNE 2	NNE 2	NNE 3	NNE 2	N 1	N 1	NNE 0	NNW 1	NWW 0	S
5	N 0	N 0	W 1	NWW 3	SWW 3	SW 2	SW 2	SW 2	SW 2	SW 4	SW 8	SW
6	SSW 2	SSW 2	SSW 1	SW 1	SW 0	SW 1	SW 0	NNW 3	NNW 7	NNW 5	NW 4	NW
7	NNE 4	NNE 4	NNE 4	NNE 3	E 4	E 3	E 2	NEE 2	N 4	N 5	N 4	N
8	N 1	N 0	N 1	N 4	N 5	N 5	N 11	NNE 11	NNE 11	NNE 10	NNE 10	NNE
9	NWW 1	SSW 3	SSW 2	SSW 1	SSW 2	SSW 5	SW 8	SW 1	SW 1	SSW 6	SW 3	SW
10	S 3	S 3	S 5	S 5	S 4	S 6	SSW 8	SWW 8	SSW 8	SWW 9	SW 11	SW
11	NW 2	NW 3	NW 4	NW 6	N 7	NW 7	NW 8	NW 9	NW 10	NW 10	N 8	N
12	W 1	SW 2	S 2	SSW 2	S 3	S 4	SW 5	S 5	SSW 6	SW 5	SW 6	SSW
13	S 2	SSW 2	SSW 2	SSW 2	SSW 2	SSW 4	SSW 4	SSW 5	SSW 5	SW 7	SW 6	SW
14	S 4	S 6	S 6	S 5	S 6	SSW 7	SSW 7	SSW 9	SSW 8	SSW 9	SSW 8	SSW
15	NW 8	N 10	N 9	N 8	N 9	N 9	N 10	N 11	N 12	N 9	NNE 9	NNE
16	NNE 6	NNE 3	NNE 7	NNE 7	NNE 6	NNE 6	NNE 5	NNE 6	NNE 4	NNE 5	N 7	N
17	NEE 1	NEE 2	NEE 1	E 2	E 3	E 3	E 1	E 0	E 1	NEE 0	NEE 2	NEE
18	NE 0	NE 1	NE 0	NE 0	NE 0	NE 0	NNE 2	NNE 0	NNE 0	NNE 0	NE 0	NE
19	SEE 0	SEE 1	SEE 1	SEE 0	SEE 0	SEE 0	SEE 1	SEE 1	SEE 0	SE 0	S 1	SSW
20	E 0	E 0	E 0	E 0	SE 2	SE 0	SE 0	N 3	NE 2	NEE 0	NEE 0	SSE
21	NNE 6	NNE 6	N 7	N 7	N 6	N 7	N 7	N 7	N 6	N 7	NNE 11	NNE
22	NNE 9	NNE 7	NNE 8	NNE 8	NNE 8	NNE 7	NNE 7	NNE 6	NNE 7	NNE 8	NNE 10	NNE
23	NNE 8	NE 9	NE 9	NE 9	NNE 8	NNE 9	NNE 9	NNE 9	NNE 9	NNE 10	NE 9	NNE
24	NNE 7	N 6	N 8	N 6	N 7	N 6	NNW 6	N 7	N 7	N 7	N 8	NNW
25	N 1	N 1	N 3	NEE 0	NNE 1	NEE 0	NEE 1	N 2	NNE 1	NEE 0	NNE 4	NNE
26	NNE 6	NE 3	NE 3	NE 4	NE 4	NE 5	NNE 5	NNE 5	NNE 4	NNE 5	NNE 6	N
27	NE 4	NE 3	NE 4	NE 4	NE 3	NE 6	NE 7	NEE 6	NE 7	NE 10	NEE 10	NEE
28	NEE 7	NE 6	NE 7	NE 7	NE 5	NNE 4	NNE 3	N 1	N 1	N 0	N 1	NNE
Galip yön	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	NNE	NNE	N

SAAT — *HEURE*												Gün *Jour*
3	14	15	16	17	18	19	20	21	22	23	24	
E 14	N 12	N 12	N 14	NNW 16	NNW 14	NNW 13	NNW 15	NNW 14	NNW 13	NNW 13	NNW 13	1
W 7	NNW 8	NNW 7	NNW 5	NNW 5	N 6	N 3	N 2	N 2	N 1	N 0	N 2	2
W 5	NNW 3	NNW 6	NNW 6	NNW 1	NNW 5	NNW 5	NNW 4	NNW 6	NNW 5	NNW 6	N 5	3
W 1	SWW 3	SWW 3	W 1	NNW 1	N 2	N 2	N 1	N 1	N 0	N 0	N 0	4
9	SW 9	SW 7	SW 7	SW 6	SSW 4	SW 3	SSW 3	SSW 3	SSW 2	SSW 3	SSW 3	5
W 6	NNW 6	NNE 6	N 4	N 6	N 8	N 7	NNE 6	NNE 5	N 6	NE 3	NNE 4	6
5	N 6	N 4	N 4	N 3	N 3	NNE 2	N 2	NNE 2	NNE 2	N 1	N 1	7
5	N 6	N 3	N 2	N 2	NNE 1	NNE 0	NNE 0	NNE 0	N 0	N 0	N 0	8
3	SW 5	SW 4	SW 2	SW 0	SW 1	SW 1	SW 2	SSW 3	SSW 2	SSW 2	SSW 3	9
9	SW 9	SW 9	S 6	SW 7	SWW 7	SW 6	SW 4	NWW 4	N 0	NNE 5	N 4	10
11	N 10	N 10	N 11	N 10	N 7	N 4	N 2	N 0	NWW 0	NWW 1	W 2	11
5	SW 4	SW 5	S 4	S 4	S 1	S 2	SSW 1	SSW 1	S 2	S 2	S 1	12
4	SW 5	SSW 3	SSW 3	S 3	SSE 2	SSE 2	SSE 4	SSE 6	SSE 6	SSE 7	S 5	13
W 12	SSW 9	SSW 8	SSW 10	SSW 8	SSW 8	S 8	SW 8	SW 6	SW 6	SW 4	SWW 5	14
E 7	NNE 7	NNE 9	NNE 7	NNE 6	NNE 7	NNE 8	NNE 8	NNE 8	NNE 9	NNE 7	NNE 5	15
5	N 6	N 5	N 6	N 5	NNE 3	NE 2	E 1	NEE 0	NEE 1	NEE 0	NEE 0	16
3	NNE 2	N 4	N 3	NNE 4	NE 3	NEE 2	N 3	N 1	N 0	NE 1	NNE 1	17
W 2	N 4	N 2	N 3	N 2	NNE 2	NE 3	E 4	SEE 4	SEE 4	SEE 1	SEE 0	18
W 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	S 0	S 0	S 0	E 0	E 0	E 0	19
3	N 6	N 9	N 8	N 4	NNE 3	NNE 4	NNE 3	NNE 3	NNE 4	NNE 4	NNE 5	20
E 9	NNE 9	NNE 10	NNE 12	NNE 10	NNE 9	NNE 10	NNE 8	NNE 9	NNE 9	NNE 11	NNE 9	21
E 12	NNE 12	NNE 11	NE 15	NNE 11	NNE 10	NNE 11	NNE 11	NNE 7	NNE 10	NNE 7	NNE 9	22
E 7	N 5	NNE 6	NNE 7	NNE 9	NNE 8	NNE 8	NNE 7	NNE 8	NNE 10	NNE 7	NNE 8	23
9	NNW 7	NNW 7	NNW 7	NNW 6	N 6	N 9	N 5	N 6	N 3	N 8	N 3	24
4	N 7	N 9	NNE 11	NNE 9	NNE 6	NE 6	NNE 5	NNE 8	NNE 6	NNE 6	NNE 5	25
E 5	NNE 4	NNE 7	NNE 7	NNE 7	NE 7	NE 5	NE 5	NNE 4	NE 4	NE 4	NE 5	26
E 11	NEE 9	NE 11	NE 11	NE 6	NNE 7	NE 7	NE 8	NE 8	NE 6	NE 8	NE 7	27
W 0	N 1	N 2	N 0	N 2	NNE 3	N 2	N 3	N 4	N 3	NNE 2	NNE 3	28
W	NNW	NNW	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	Galip yön

Gün *Jour*	SAAT — *HEURE*											
	1	2	3	4	5	6	7	8	9	10	11	1
1	N 2	N 4	N 4	N 3	N 2	N 1	N 2	N 2	N 2	N 2	N 1	N
2	NNE 3	NNE 3	NE 3	NNE 3	NE 3	NNE 3	NE 3	NE 6	NE 6	NE 7	NNE 8	NE
3	NE 10	NE 13	NE 13	NNE 11	NNE 15	NNE 15	NNE 13	NNE 15	NNE 13	NNE 11	NNE 11	NE
4	NE 14	NE 14	NE 12	NE 12	NE 10	NNE 9	NNE 10	NNE 12	NNE 15	NNE 12	NNE 13	NNI
5	NEE 9	NNE 10	NNE 9	NNE 10	NNE 11	NNE 8	NNE 8	NNE 9	NNE 12	NNE 12	NNE 10	N
6	N 11	N 8	N 8	N 6	N 6	N 9	N 9	N 7	NNE 4	NNE 10	N 10	N
7	N 0	NW 0	NW 0	NW 1	SWW 2	SW 2	SSW 3	SSW 3	SSW 7	SSW 10	SSW 11	SSW
8	SSW 11	SSW 10	SSW 10	SSW 10	SSW 9	SSW 13	SSW 9	SSW 6	SSW 9	SSW 12	SSW 13	SSW
9	SSW 14	SSW 19	SSW 19	SSW 16	N 9	N 14	NNW 11	N 7	N 5	N 4	N 5	N
10	SSE 5	S 4	S 3	S 6	S 7	S 9	SSW 9	SSW 10	SSW 10	SSW 8	S 7	S
11	S 13	S 11	S 9	S 12	SSW 10	W 10	W 12	W 11	W 4	SSW 9	SSW 11	SSW
12	NNE 6	NNE 5	NNE 7	NNE 8	NNE 8	NNE 8	NNE 8	NNE 10	NNE 9	NNE 9	NNE 14	NNI
13	N 17	N 15	N 18	N 19	N 16	NNW 10	NNW 9	NNW 8	N 9	N 10	NNW 8	NN
14	SEE 3	SEE 4	NEE 4	SEE 5	SEE 7	SEE 8	SEE 8	SEE 5	SEE 2	E 2	SEE 3	E
15	SSE 6	NW 12	S 11	S 12	SSW 11	SWW 6	SW 4	SWW 4	SW 1	SSW 3	SSW 4	SW
16	NNE 4	NE 4	NE 3	NE 4	NE 5	NE 6	NNE 2	NE 5	E 4	SEE 4	SEE 4	NE
17	NE 13	NE 10	NE 8	NE 8	NNE 8	NNE 10	N 12	N 12	NNE 15	NNE 11	NNE 10	NNI
18	NE 5	NE 3	NE 4	NE 3	NEE 4	NEE 2	NEE 4	NE 2	E 0	NNE 1	NEE 2	NN
19	SEE 6	SEE 1	SEE 2	SEE 2	SEE 0	SEE 0	SEE 0	SEE 0	SEE 0	SEE 0	SWW 1	SW
20	SE 2	SSE 2	SSE 2	SSE 2	SSE 2	SSE 3	SSE 2	S 3	S 5	SSW 7	SSW 8	SSW
21	S 8	SSE 8	S 4	S 5	S 5	S 6	S 6	S 5	S 7	S 5	SSW 4	SSW
22	SE 13	SSE 7	W 7	N 0	SW 6	SSW 9	SE 6	SE 2	SSE 7	SSE 8	SW 8	SW
23	SSW 1	SSW 3	SSW 4	SSW 3	SWW 0	SWW 0	SSE 0	SSE 0	SSE 0	SSE 0	S 0	S
24	N 5	N 5	N 4	SEE 4	SEE 1	SEE 2	SEE 3	SEE 5	SE 4	SE 3	SSE 2	SW
25	SSE 7	N 6	S 6	S 10	S 8	S 10	S 8	S 12	SSW 10	SSW 7	SSW 10	SW
26	SE 10	SE 10	SE 11	S 10	S 9	SSE 9	S 5	SW 4	SSW 8	SSW 6	SSW 13	SW
27	S 2	SE 1	SE 2	SE 2	SE 5	SE 6	SE 7	S 3	SE 5	SSE 4	SSE 2	SSE
28	SEE 8	SE 8	SSE 4	SSE 5	SSE 11	S 12	S 16	S 11	SE 11	SE 12	SSE 13	SSE
29	SW 9	SW 9	SW 11	SSW 7	SSW 9	SW 7	SW 9	SW 11	SSW 13	SW 11	SW 11	SW
30	SSW 3	SSW 5	W 3	W 1	W 0	SW 7	SSW 4	S 7	S 5	S 7	SSW 9	SW
31	SW 0	SW 2	SSW 4	SWW 1	SW 5	NW 2	NNW 3	NNW 2	NNW 1	N 0	NNW 0	N
Galip yön	SEE	SEE	SEE	SEE	SE	SE	SEE	SE	SE	SE	S	SW

SAAT — *HEURE*												Gün *Jour*
13	14	15	16	17	18	19	20	21	22	23	24	
W 5	NNW 4	NNW 5	NNW 5	N 6	N 5	N 5	NNE 5	NNE 5	NNE 5	NE 3	NE 2	1
9	NE 10	NE 8	NE 11	NE 12	NE 12	NE 14	NE 11	NE 12	NE 10	NE 15	NE 16	2
15	NE 17	NE 16	NE 17	NNE 14	NNE 11	NE 14	NNE 13	NNE 12	NE 12	NE 15	NE 15	3
15	NNE 14	NNE 15	NNE 15	NNE 13	NNE 11	NNE 11	NNE 10	NNE 10	NNE 11	NNE 9	NNE 9	4
13	N 13	N 12	N 10	N 8	N 7	N 8	N 5	N 6	N 9	N 9	N 9	5
8	N 8	N 6	N 7	N 6	NNW 7	NNW 4	N 2	N 1	N 0	N 0	N 0	6
W 13	SSW 11	SSW 11	SSW 10	SSW 10	SSW 12	SW 8	SW 8	SSW 9	SSW 9	SSW 14	SSW 13	7
W 13	SSW 15	SSW 18	SSW 14	SSW 15	SSW 11	SSW 21	SSW 15	SSW 12	SSW 13	SSW 13	SSW 14	8
4	NNW 1	W 0	SW 0	SW 6	SSW 5	S 5	S 5	S 4	SSW 5	SSW 8	SSE 6	9
8	SSW 13	SSW 9	S 8	S 9	S 4	S 5	S 6	S 5	SSW 5	SSW 10	S 14	10
7	SW 5	SW 6	N 6	NNE 7	NNE 7	NNE 6	NNE 6	NNE 6	NE 6	NNE 5	NE 5	11
12	NNE 17	NNE 12	NNE 16	NNE 9	N 5	N 10	N 8	N 9	N 8	NW 9	N 10	12
W 8	NNW 8	NNW 3	NNW 5	NNW 4	NNW 4	NNW 3	NNE 5	NE 4	NE 3	SEE 4	SEE 3	13
0	SEE 5	E 6	E 7	NEE 7	NE 7	NE 5	NE 4	E 5	E 2	SEE 4	SE 5	14
W 3	NWW 2	W 0	SW 2	SW 2	SW 2	NW 0	NNE 3	NNE 5	NE 4	NE 5	NE 6	15
3	SEE 7	NE 3	NE 6	NE 7	NE 10	NE 10	NE 10	NE 12	NE 14	NE 13	NE 14	16
15	NNE 12	NNE 16	NNE 11	NNE 10	NNE 9	NNE 7	NNE 7	NNE 6	NNE 5	NE 7	NE 3	17
3	SEE 3	E 3	NE 6	NE 7	NE 5	NE 4	SEE 5	SEE 7	SEE 6	SEE 6	SEE 5	18
W 4	SW 4	SW 4	SW 2	N 4	NNE 4	NE 4	SEE 6	SEE 5	SEE 4	SEE 0	SE 1	19
10	SSW 9	SSW 7	SSW 4	SSW 3	SSW 2	SSE 4	SSE 4	S 4	S 5	S 4	S 4	20
5	SSE 5	SSE 5	SE 5	SE 6	SE 6	SE 8	SE 9	SE 9	SE 11	SE 11	SE 15	21
9	SW 9	SW 7	SW 6	SSW 4	SSW 6	S 7	S 9	S 8	S 7	SSW 5	SSW 2	22
1	N 5	N 5	N 6	NE 7	SEE 3	SEE 0	N 0	N 0	N 0	N 4	N 6	23
2	SWW 2	SWW 0	SW 0	S 0	E 5	SEE 5	SE 6	SEE 2	SEE 6	SEE 4	SE 6	24
8	SW 7	SW 5	SSW 4	S 5	SE 5	SEE 4	SEE 7	E 6	SEE 5	SE 5	SE 9	25
9	SW 8	SWW 9	W 10	W 12	NWW 7	NWW 4	SWW 3	SSW 2	S 3	S 4	S 3	26
2	SE 3	S 1	S 3	SSE 2	E 0	E 0	E 5	E 4	SEE 5	SEE 7	SEE 5	27
11	SSE 11	SSE 9	SSE 10	SSW 7	SSW 8	SSW 12	SSW 15	SSW 19	SSW 19	SSW 21	SW 14	28
8	SWW 10	W 12	W 11	W 10	W 10	W 9	W 9	W 7	W 7	W 8	SSW 4	29
9	SW 7	SW 5	SW 4	SW 5	SSW 4	N 2	N 4	N 4	N 4	N 0	N 0	30
6	N 5	N 3	N 3	N 5	NNE 3	E 3	E 6	SEE 4	SEE 6	NEE 4	SEE 3	31
W	SWW	W	NWW	NNE	NE	NE	NEE	NEE	E	E	SEE	Galip yön

Güneşlenme — *Insolation* Ocak 1939 — *Janvier 19*

Gün *Jour*	SAAT — *HEURE*												Toplam *Total*
	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	
1	—	—	0.1	—	—	—	—	—	—	—	—	—	0.1
2	—	—	—	—	—	—	—	0.7	1.0	0.6	—	—	2.3
3	—	0.2	0.4	0.9	1.0	1.0	1.0	0.9	1.0	1.0	—	—	7.4
4	—	0.1	0.9	1.0	0.6	0.6	0.4	—	—	—	—	—	3.6
5	—	—	—	0.2	0.6	0.3	—	—	—	—	—	—	1.1
6	—	—	0.4	0.3	0.1	1.0	1.0	0.9	1.0	0.6	0.2	—	5.5
7	—	0.1	0.7	0.9	1.0	0.5	1.0	0.9	0.4	—	0.1	—	5.6
8	—	0.5	1.0	1.0	1.0	0.6	1.0	0.2	—	—	—	—	5.3
9	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	0.1	1.0	0.9	1.0	1.0	0.2	—	4.2
1 inci onluk	—	0.9	3.5	4.3	4.3	4.1	5.4	4.5	4.4	3.2	0.5	—	35.1
11	—	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	—	9.0
12	—	0.4	1.0	1.0	1.0	1.0	1.0	0.5	1.0	1.0	0.1	—	8.4
13	—	0.5	0.3	0.5	—	—	0.2	0.5	0.3	—	—	—	1.3
14	—	0.2	0.1	0.9	0.7	1.0	1.0	0.9	1.0	1.0	0.5	—	7.3
15	—	—	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	—	7.2
16	—	0.5	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.4	—	8.7
17	—	0.4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.5	—	8.8
18	—	0.1	0.8	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.4	—	8.1
19	—	0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.5	—	9.1
20	—	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.6	—	—	7.7
2 inci onluk	—	3.9	7.4	9.4	8.7	9.0	9.1	8.8	9.8	8.6	2.9	—	76.6
21	—	—	—	—	—	0.1	—	—	—	—	—	—	0.1
22	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	0.1	—	—	—	0.2	0.1	0.6	0.4	—	—	1.4
25	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	0.2	—	—	—	—	0.2
27	—	0.5	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0	0.4	—	8.5
28	—	—	—	0.7	0.6	0.6	0.5	0.6	0.2	—	—	—	3.2
29	—	—	0.2	0.8	1.0	1.0	1.0	0.9	0.6	1.0	0.1	—	6.6
30	—	—	0.6	1.0	1.0	1.0	1.0	0.9	1.0	0.7	—	—	7.2
31	—	—	—	—	—	—	—	—	—	—	—	—	—
3 üncü onluk	—	0.5	1.9	3.5	3.6	3.7	3.7	3.3	3.4	3.1	0.5	—	27.2
Toplam	—	5.3	12.8	17.2	16.6	16.8	18.2	16.6	166	14.9	3.9	—	138.9

Güneşlenme — *Insolation*

Şubat 1939 — *Février 1939*

Gün *Jour*	SAAT — *HEURE*													Toplam *Total*
	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	0.6	0.9	0.6	0.8	0.5	—	—	3.4
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	0.9	1.0	1.0	1.0	1.0	0.9	0.6	1.0	1.0	0.8	—	—	9.2
5	—	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	—	—	9.6
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	0.2	0.5	0.8	0.9	0.8	0 9	1.0	1.0	0.6	—	—	6.7
8	—	—	0.8	1.0	0.5	—	0.7	0.9	0.1	0.1	—	—	—	4.1
9	—	0.5	1.0	1.0	1.0	1.0	0.9	0.4	1.0	1.0	0.5	—	—	8.3
10	—	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	—	—	9.7
inci nluk	—	3.3	5.0	5.5	5.3	4.9	5.9	5.7	5.7	5.9	3.8	—	—	51.0
11	—	—	—	—	0.1	0.5	0.1	—	0.1	—	—	—	—	0.8
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	—	—	7.4
14	—	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	—	—	9.0
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	0.5	0.9	0.8	0.3	—	0.1	—	—	—	—	2.6
17	—	—	—	—	—	—	0.2	0.7	0.6	0.8	—	—	—	2.3
18	—	—	—	—	—	0.6	0.6	—	—	—	—	—	—	1.2
19	0.2	0.9	1.0	1.0	1.0	1.0	0.4	—	—	—	—	—	—	5.5
20	—	—	—	0.1	1.0	0.3	0.9	1.0	1.0	0.4	0.3	—	—	5.0
inci nluk	0.2	1.9	2.0	3.2	5.0	5.2	4.5	3.7	3.8	2.8	1.5	—	—	33.8
21	—	—	—	—	1.0	1.0	1.0	1.0	1.0	1.0	0.6	—	—	6.6
22	—	—	—	—	—	—	0.3	0.8	0.8	0.7	0.2	—	—	2.8
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	0.3	—	—	—	—	—	—	0.1	—	—	—	—	0.4
26	—	—	—	—	—	—	0.2	—	—	—	0.5	—	—	0.7
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—
üncü nluk	—	0.3	—	—	1.0	1.0	1.5	1.8	1.9	1.7	1.3	—	—	10.5
oplam	0.2	5.5	7.0	8.7	11.3	11.1	11.9	11.2	11.4	10.4	6.6	—	—	95.3

Güneşlenme — *Insolation* — Mart 1939 — *Mars 19*

Gün *Jour*	SAAT — *HEURE*													Toplam *Total*
	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	
1	—	—	—	—	0.1	—	—	—	0.1	—	—	—	—	0.2
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	0.2	—	—	0.5	0.1	—	—	0.8
4	—	—	0.1	0.2	—	—	—	—	—	—	—	—	—	0.3
5	0.1	0.4	0.7	0.8	0.9	1.0	0.7	0.8	0.7	0.2	—	—	—	6.3
6	—	—	—	0.1	0.3	0.2	0.1	—	—	0.5	0.2	—	—	1.4
7	—	—	0.2	—	—	—	—	—	—	—	—	—	—	0.2
8	—	—	—	—	0.4	—	—	0.3	0.7	0.3	0.5	—	—	0.2
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	0.7	0.9	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.4	—	10.8
1 inci onluk	**0.8**	**1.3**	**2.0**	**2.0**	**2.7**	**2.1**	**2.0**	**2.1**	**2.5**	**2.5**	**1.8**	**0.4**	—	**22.2**
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	0.1	—	0.6	0.6	—	—	1.3
14	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	—	11.2
15	—	—	—	—	—	—	—	—	—	—	0.2	—	—	0.2
16	—	—	—	—	—	—	0.6	1.0	1.0	0.4	—	—	—	3.0
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	0.7	1.0	1.0	1.0	1.0	1.0	0.5	0.5	1.0	1.0	1.0	0.5	—	10.2
19	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	—	11.2
20	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	—	10.7
2 inci onluk	**2.8**	**4.0**	**4.0**	**4.0**	**4.0**	**4.0**	**4.1**	**4.6**	**5.0**	**5.0**	**4.6**	**1.7**	—	**47.8**
21	0.2	1.0	1.0	0.8	0.6	0.2	0.1	—	—	—	—	—	—	3.9
22	—	0.4	0.9	0.8	—	0.2	0.8	1.0	1.0	0.5	—	—	—	5.6
23	—	0.6	0.4	0.1	—	0.1	—	—	0.4	—	—	—	—	1.6
24	—	0.1	0.2	1.0	0.9	0.4	0.5	0.8	—	—	—	—	—	3.9
25	—	0.1	0.7	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.6	—	—	7.6
26	—	0.1	—	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	—	8.4
27	0.9	0.9	1.0	0.7	1.0	0.2	0.8	1.0	1.0	0.7	0.7	—	—	8.9
28	—	—	—	—	—	0.8	0.6	1.0	0.9	0.4	0.4	—	—	4.1
29	0.6	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	11.7
30	—	0.2	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.7	0.7	—	9.5
31	0.1	0.1	0.2	1.0	0.8	0.1	0.5	1.0	1.0	1.0	1.0	1.0	—	7.8
3 üncü onluk	**1.8**	**4.5**	**6.4**	**7.9**	**7.2**	**6.0**	**7.1**	**8.8**	**8.0**	**6.1**	**5.4**	**3.6**	**0.2**	**73.0**
Toplam	**5.4**	**9.8**	**12.4**	**13.9**	**13.9**	**12.1**	**13.2**	**15.5**	**15.5**	**13.6**	**11.8**	**5.7**	**0.2**	**143.0**

Toprağın sıcaklığı

Température de la terre — Ocak 1939 — *Janvier 1939*

ün / our	DERİNLİK — *PROFONDEUR*																	
	— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1m.	-2m.
	7	14	21	Ortalama Moy.	7	14	21	Ortalama Moy.	7	14	21	Ortalama Moy.	7	14	21	Ortalama Moy.	14	14
1	6.3	6.0	5.3	5.9	6.7	6.6	6.2	6.5	7.2	7.6	6.1	7.0	8.8	8.6	8.1	8.5	10.3	13.4
2	3.2	3.0	2.1	2.8	4.0	3.7	3.1	3.6	4.5	4.4	4.3	4.4	8.0	7.8	7.0	7.6	10.2	13.4
3	2.3	4.5	2.4	3.1	3.0	4.3	3.2	3.5	5.0	4.1	4.0	4.4	7.2	7.0	6.4	6.9	9.8	13.3
4	2.4	5.3	5.2	4.3	2.7	4.7	5.0	4.1	3.3	4.2	5.0	4.2	6.2	6.0	5.9	6.0	9.5	13.3
5	5.5	8.4	6.9	6.9	6.5	7.4	7.0	7.0	6.2	6.4	6.8	6.5	6.5	6.5	6.6	6.5	9.3	13.2
6	6.7	9.4	7.0	7.7	6.5	8.2	7.6	7.4	6.7	8.1	8.0	7.6	7.2	7.2	7.5	7.3	9.2	13.1
7	5.3	8.8	6.7	6.9	5.9	7.8	7.4	7.0	6.7	7.0	7.6	7.1	7.7	7.8	7.8	7.8	9.2	13.0
8	5.2	8.7	7.4	7.1	6.0	7.9	7.6	7.2	6.6	7.0	7.7	7.1	8.0	7.8	7.9	7.9	9.2	13.0
9	6.5	7.8	6.0	6.8	6.7	7.5	6.8	7.0	7.3	7.3	7.5	7.4	8.3	8.1	8.0	8.1	9.3	12.8
10	3.8	7.5	5.6	5.6	4.8	6.7	6.3	5.9	6.1	6.2	6.7	6.3	8.1	7.9	7.8	7.9	9.4	12.8
nci luk	**4.7**	**6.9**	**5.5**	**5.7**	**5.3**	**6.5**	**6.0**	**5.9**	**6.0**	**6.2**	**6.4**	**6.2**	**7.6**	**7.5**	**7.3**	**7.5**	**9.5**	**13.1**
11	4.7	8.7	6.0	6.5	3.3	7.6	6.8	6.6	6.2	6.7	7.3	6.7	7.8	7.8	7.8	7.8	9.5	12.8
12	4.3	8.9	6.4	6.5	5.0	7.7	7.0	6.6	6.0	6.7	7.4	6.7	7.9	7.8	7.7	7.8	9.5	12.7
13	4.8	8.0	7.8	6.9	5.5	7.2	7.7	6.8	6.3	6.7	7.5	6.8	7.9	7.9	7.8	7.9	9.5	12.7
14	7.6	11.0	7.8	8.8	8.0	9.6	8.6	8.7	8.0	8.4	9.0	8.5	8.0	8.2	8.5	8.2	9.5	12.5
15	5.2	10.0	8.0	7.7	6.4	8.7	7.8	7.6	7.4	7.7	8.4	7.8	8.5	8.5	8.5	8.5	9.5	12.5
16	5.5	9.8	7.2	7.5	6.3	8.7	8.0	7.7	7.0	7.7	8.4	7.7	8.5	8.4	8.4	8.4	9.7	12.5
17	5.5	9.8	7.3	7.5	6.0	8.6	7.8	7.5	7.1	7.7	8.3	7.7	8.5	8.5	8.4	8.5	9.7	12.5
18	6.3	10.6	7.6	8.2	6.8	9.3	8.5	8.2	7.5	8.1	8.7	8.1	8.5	8.6	8.6	8.6	9.8	12.5
19	6.4	10.8	8.5	8.6	7.0	9.4	9.0	8.5	7.7	8.3	9.1	8.4	8.7	8.7	8.7	8.7	9.9	12,5
20	6.7	12.4	9.3	9.5	7.5	10.5	9.7	9.2	8.2	8.9	9.8	9.0	9.0	9.0	9.0	9.0	9.9	12.4
nci luk	**5.7**	**10.0**	**7.6**	**7.8**	**6.4**	**8.7**	**8.1**	**7.7**	**7.1**	**7.7**	**8.4**	**7.7**	**8.3**	**8.3**	**8.3**	**8.3**	**9.7**	**12.6**
21	7.6	10.5	8.8	9.0	8.1	9.9	9.4	9.1	8.7	9.2	9.5	9.1	9.2	9.4	9.4	9.3	10.1	12.4
22	8.0	10.3	8.9	9.1	8.5	9.7	9.2	9.1	8.8	9.0	9.3	9.0	9.4	9.3	9.3	9.3	10.2	12.4
23	8.3	9.9	8.5	8.9	8.6	9.5	9.0	9.0	9.0	9.1	9.3	9.1	9.5	9.4	9.4	9.4	10.2	12.4
24	7.5	11.2	8.8	9.2	8.0	10.0	9.5	9.2	8.5	9.0	9.7	9.1	9.5	9.4	9.4	9.4	10.3	12.3
25	7.8	10.2	9.2	9.1	8.3	9.4	9.4	9.0	8.8	9.0	9.4	9.1	9.5	9.5	9.4	9.5	10.3	12.3
26	8.2	10.8	8.0	9.0	8.6	9.9	8.8	9.1	9.0	9.3	9.5	9.3	9.5	9.6	9.5	9.5	10.4	12.3
27	7.5	11.8	10.0	9.6	8.0	10.3	10.2	9.5	8.6	9.2	10.0	9.3	9.5	9.5	9.5	9.5	10.4	12.3
28	9.5	11.4	10.1	10.3	9.6	10.7	10.5	10.3	9.6	10.0	10.6	10.1	9.8	9.9	10.0	9.9	10.4	12.3
29	8.4	13.1	8.4	10.0	9.0	11.7	9.7	10.1	9.6	10.2	10.5	10.1	10.1	10.0	10.0	10.0	10.6	12.3
30	6.4	12.5	9.8	9.6	7.5	10.7	10.3	9.5	7.6	9.3	10.4	9.1	10.0	10.0	9.9	10.0	10.6	12.3
31	8.5	11.5	9.7	9.9	8.9	10.8	10.1	9.9	9.5	10.0	10.2	9.9	10.0	10.0	10.0	10.0	10.6	12.3
ncü luk	**8.0**	**11.2**	**9.1**	**9.4**	**8.5**	**10.2**	**9.6**	**9.4**	**8.9**	**9.4**	**9.9**	**9.4**	**9.6**	**9.6**	**9.6**	**9.6**	**10.4**	**12.3**
lık lama	**6.2**	**9.4**	**7.4**	**7.7**	**6.8**	**8.5**	**8.0**	**7.8**	**7.4**	**7.8**	**8.3**	**7.8**	**8.6**	**8.5**	**8.5**	**8.5**	**9.9**	**12.7**

Toprağın sıcaklığı

Température de la terre — Şubat 1939 — *Février 19*

Gün — *Jour*	DERİNLİK — *PROFONDEUR*																	
	— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1 m.	-2
	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	14	1
1	7.6	5.4	3.6	5.5	8.2	6.7	4.7	6.5	8.9	7.5	6.8	7.7	10.0	9.6	9.4	9.7	10,6	1
2	3.0	5.0	2.5	3.5	3.8	4.7	4.0	4.2	5.0	5.2	5.5	5.2	8.8	8.3	8.0	8.4	10.2	1
3	2.0	4.0	3.0	3.0	3.0	4.0	3.5	3.5	4.5	4.5	4.6	4.5	8.0	7.5	7.5	7.7	10.0	1
4	2.0	7.5	4.3	4.6	3.0	6.1	5.4	4.8	4.0	5.0	6.1	5.0	7.5	7.1	7.2	7.3	9.5	1
5	1.5	6.5	5.0	4.3	2.6	5.3	5.5	4.5	4.4	4.6	5.7	4.9	6.4	7.1	7.0	6.8	9.2	1
6	3.6	4.7	4.7	4.3	4.2	4.8	5.0	4.7	5.0	5.1	5.5	5.2	7.0	7.0	7.0	7.0	9.1	1
7	4.7	8.5	5.4	6.2	5.0	7.3	6.4	6.2	5.4	6.1	6.9	6.1	7.0	7.0	7.1	7.0	9.1	1
8	5.3	8.5	5.7	6.5	5.7	7.3	6.6	6.5	6.1	6.6	7.1	6.6	7.4	7.3	7.4	7.4	9.0	1
9	3.0	9.5	6.3	6.3	4.0	7.8	7.0	6.3	5.5	6.4	7.4	6.4	7.5	7.5	7.4	7.5	9.0	1
10	4.8	9.5	7.2	7.2	5.6	8.1	7.7	7.1	6.4	7.0	7.8	7.1	7.4	7.7	7.6	7.6	9.0	1
1 inci onluk	3.9	6.9	4.8	5.1	4.5	6.2	5.6	5.4	5.5	5.8	6.3	5.9	7.7	7.6	7.6	7.6	9.5	1
11	6.2	7.6	5.8	6.5	6.5	7.5	6.7	6.9	7.2	7.2	7.4	7.3	8.0	8.0	8.0	8.0	9.0	1
12	4.0	4.9	5.3	4.7	4.7	4.0	5.5	4.7	5.7	5.3	5.6	5.5	7.8	7.5	7.3	7.5	9.0	1
13	5.7	11.2	7.9	8.3	5.7	9.2	8.4	7.8	6.0	7.3	8.4	7.2	7.2	7.3	7.5	7.3	9.1	1
14	6.0	11.1	9.4	8.8	6.7	9.4	9.5	8.5	7.5	8.0	9.3	8.3	8.0	7.9	8.0	8.0	9.1	1
15	7.7	7.1	5.5	6.8	8.3	7.5	5.4	7.1	8.6	8.0	7.3	8.0	8.4	8.4	8.4	8.4	9.1	1
16	4.0	6.8	4.9	5.2	5.0	6.5	5.6	5.7	6.2	6.3	6.4	6.3	8.2	8.0	7.8	8.0	9.2	1
17	2.8	6.9	4.0	4.6	3.9	6.0	5.2	5.0	5.2	5.7	6.1	5.7	7.7	7.5	7.3	7.5	9.0	1
18	1.6	7.0	4.7	4.4	3.0	6.1	5.6	4.9	4.5	5.2	6.0	5.2	7.3	7.3	7.2	7.3	8.8	1
19	1.8	8.4	5.7	5.3	3.2	6.7	6.3	5.4	4.5	5.3	6.6	5.5	7.0	6.9	6.8	6.9	8.7	1
20	3.1	9.9	7.3	6.8	4.0	7.9	7.7	6.5	5.3	6.2	7.6	6.4	7.1	7.0	7.0	7.0	8.7	1
2 inci onluk	4.3	8.1	6.1	6.1	5.1	7.1	6.6	6.3	6.1	6.5	7.1	6.5	7.7	7.6	7.5	7.6	9.0	1
21	6.5	11.7	8.8	9.0	7.0	9.7	9.2	8.6	7.0	7.7	9.0	7.9	7.5	7.5	7.6	7.5	8.6	1
22	7.0	9.0	7.0	7.7	7.5	8.2	7.7	7.8	8.0	7.9	8.1	8.0	8.0	8.1	8.1	8.1	8.8	1
23	6.4	7.6	7.0	7.0	7.0	7.4	7.5	7.3	7.4	7.3	7.6	7.4	8.2	8.1	8.0	8.1	8.9	1
24	6.3	7.3	6.1	6.6	6.8	7.3	6.6	6.9	7.2	7.3	7.2	7.2	8.0	8.0	8.0	8.0	8.9	1
25	5.2	7.7	6.1	6.3	5.8	7.2	6.8	6.6	6.5	6.8	7.4	6.9	7.9	8.0	8.0	8.0	8.9	1
26	4.5	7.3	5.6	5.8	5.5	6.5	6.2	6.1	6.2	6.2	6.6	6.3	7.8	7.7	7.5	7.7	8.9	1
27	3.4	6.9	5.2	5.2	4.3	6.3	5.9	5.5	5.5	5.9	6.5	6.0	7.5	7.5	7.4	7.5	8.7	1
28	4.6	8.3	6.8	6.6	5.2	7.4	7.3	6.6	6.0	6.5	7.3	6.6	7.5	7.3	7.3	7.4	8.6	1
3 üncü onluk	5.5	8.2	6.6	6.8	6.1	7.5	7.1	6.9	6.7	6.9	7.5	7.0	7.8	7.8	7.7	7.8	8.8	1
Aylık Ortalama	4.4	7.7	5.7	6.0	5.2	6.9	6.4	6.2	6.1	6.4	6.9	6.4	7.7	7.6	7.6	7.7	9.1	1

Toprağın sıcaklığı

Température de la terre — Mart 1939 — *Mars 1939*

Gün — *Jour*	DERİNLİK — *PROFONDEUR*																	
	— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1m.	-2m.
	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	14	14
1	5.0	9.3	7.0	7.1	5.6	8.0	7.5	7.0	5.7	7.0	7.8	6.8	7.5	7.5	7.8	7.6	8.8	11.3
2	5.5	8.0	6.0	6.5	6.0	7.5	6.8	6.8	7.0	7.0	7.3	7.1	7.8	7.7	7.7	7.7	8.8	11.3
3	4.4	6.1	4.7	5.1	5.3	5.7	5.4	5.5	6.1	6.0	6.1	6.1	7.6	7.5	7.4	7.5	8.7	11.3
4	3.5	5.0	3.8	4.1	4.4	5.2	4.6	4.7	5.5	5.4	5.4	5.4	7.5	7.3	7.2	7.3	8.6	11.3
5	3.2	6.7	4.5	4.8	3.8	5.7	5.1	4.9	4.8	5.2	5.7	5.2	7.0	6.7	6.7	6.8	8.5	11.3
6	2.8	5.3	3.1	3.7	3.7	5 0	4.3	4.3	4.7	5.0	5.1	4.9	6.7	6.7	6.6	6.7	8.4	11.3
7	1.0	4.5	4.7	3.4	2.0	4.0	4.7	3.6	3.5	4.0	4.7	4.1	6.6	6.4	6.2	6.4	8.2	11.2
8	5.0	8.0	8.0	7.0	5.0	7.0	7.8	6.6	5.1	6.1	7.2	6.1	6.3	6.4	6.5	6.4	8.2	11.1
9	5.5	6.1	4.8	5.5	6.6	5.8	5.6	6.0	7.0	5.8	6.5	6.4	7.0	7.0	7.0	7.0	8.2	11.0
10	3.5	10.2	7.5	7.1	4.0	8.0	7.9	6.6	5.0	6.2	7.7	6.3	7.0	6.8	6.9	6.9	8.2	11.0
inci luk	**3.9**	**6.9**	**5.4**	**5.4**	**4.6**	**6.2**	**6.0**	**5.6**	**5.4**	**5.8**	**6.4**	**5.8**	**7.1**	**7.0**	**7.0**	**7.0**	**8.5**	**11.2**
11	7.0	8.4	7.0	7.5	7.1	8.0	7.5	7.5	7.2	7.5	7.8	7.5	7.3	7.4	7.5	7.4	8.2	11.0
12	5.8	5.9	5.7	5.8	6.4	6.3	5.9	6.2	6.8	6.5	6.2	6.5	7.5	7.4	7.1	7.3	8.1	10.9
13	3.7	6.2	4.3	4.7	4.5	5.8	5.4	5.2	5.4	5.6	6.0	5.7	7.0	6.9	6.8	6.9	8.1	10.8
14	1.5	10.6	6.8	6.3	3.0	7.8	7.3	6.0	4.5	5.7	7.3	5.8	7.0	6.7	6.7	6.8	8.0	10.7
15	6.2	6.8	5.6	6.2	6.4	6.8	6.4	6.5	6.6	6.7	6.8	6.7	7.0	7.0	7.1	7.0	8.0	10.7
16	3.4	8.2	5.7	5.8	4.4	6.8	6.5	5.9	5.5	5.9	6.8	6.1	7.1	7.0	6.9	7.0	8.0	10.6
17	3.0	3.1	3.0	3.0	4.0	3.1	3.5	3.5	5.0	3.5	4.0	4.2	6.5	5.5	5.5	5.8	7.9	10.5
18	1.5	8.4	5.6	5.2	2.5	6.5	5.7	4.9	3.5	4.8	6.2	4.8	5.5	5.7	5.8	5.7	7.8	10.5
19	1.5	10.9	6.2	6.2	2.8	8.1	7.2	6.0	4.1	5.7	7.2	5.7	6.2	6.1	6.2	6.2	7.7	10.5
20	3.0	11.6	8.0	7.5	3.2	8.8	8.6	6.9	5.3	6.6	8.6	6.8	6.5	6.6	7.0	6.7	7.8	10.5
inci luk	**3.7**	**8.0**	**5.8**	**5.8**	**4.4**	**6.8**	**6.4**	**5.9**	**5.4**	**5.9**	**6.7**	**6.0**	**6.8**	**6.6**	**6.7**	**6.7**	**8.0**	**10.7**
21	6.0	11.7	9.1	8.9	6.5	9.7	9.2	8.5	7.0	8.0	8.9	8.0	7.3	7.3	7.4	7.3	8.0	10.5
22	8.0	13.0	10.1	10.4	8.3	10.9	10.5	9.9	8.4	9.2	10.2	9.3	7.7	7.9	8.1	7.9	8.2	10.5
23	7.6	13.0	10.0	10.2	8.5	11.4	10.8	10.2	9.0	9.6	10.6	9.7	8.6	8.6	9.0	8.7	8.4	10.5
24	7.5	14.3	10.4	10.7	8.5	11.7	11.0	10.4	9.0	9.7	10.9	9.9	9.2	9.0	9.0	9.1	8.7	10.5
25	8.7	15.6	11.5	11.9	9.3	13.0	12.4	11.6	9.7	10.8	12.0	10.8	9.3	9.5	9.6	9.5	9.0	10.5
26	9.2	15.0	11.1	11.8	9.8	12.6	11.9	11.4	10.4	10.7	11.8	11.0	9.8	9.8	9.8	9.8	9.2	10.5
27	8.3	16.7	13.5	12.8	9.2	13.5	14.0	12.2	10.0	11.2	13.0	11.4	10.0	10.0	10.5	10.2	9.4	10.5
28	12.0	16.0	13.5	13.8	12.0	14.0	14.0	13.3	12.0	12.4	13.5	12.6	10.5	10.7	11.0	10.7	9.7	10.4
29	10.5	16,8	12.0	13.1	11.3	14.5	13.0	12.9	11.9	12.6	13.2	12.6	11.0	11.5	11.5	11.3	10.1	10.6
30	9.5	16.1	12.3	12.6	10.5	13.8	13.1	12.5	11.5	12.0	13.1	12.2	11.5	11.3	11.1	11.3	10.2	10.6
31	9.3	15.2	10.8	11.8	10.3	13.0	12.3	11.9	11.3	11.7	12.6	11.9	11.4	11.2	11.1	11.2	10.5	10.7
ncü luk	**8.8**	**14.9**	**11.3**	**11.6**	**9.5**	**12.6**	**12.0**	**11.3**	**10.0**	**7.6**	**11.8**	**10.9**	**9.7**	**9.7**	**9.8**	**9.7**	**9.2**	**10.5**
lık alama	**5.6**	**10.1**	**7.6**	**7.8**	**6.3**	**8.6**	**8.3**	**7.7**	**7.0**	**7.6**	**8.4**	**7.7**	**7.9**	**7.8**	**7.9**	**7.9**	**8.6**	**10.8**

Ay günlerinin olaylara göre dağıtılması 1939

Distribution des jours du mois selone les phénomenes

Ay *Mois*	Açık *Ouvert*	Bulutlu *Nuageux*	Kapalı *Couvert*	Yağmurlu *Pluvieux*	Karlı *Neigeux*	Dolulu *Grêleux*	Tipili *Tempête de neige*	Fırtınalı *Tempête*	Az donlu *Gelee*	Çok donlu *Sans dégel*	Kırağlı *Gelée blanche*	Çiyli *Rosée*	Şimşekli *Éclair*	Gök gürültülü *Tonnaire*	Sisli *Brouillard*	Puslu
Ocak *Janvier*	12	6	13	13	2	—	—	6	2	—	2	6	—	—	11	
Şubat *Février*	6	6	16	8	6	—	1	3	5	—	3	3	—	—	7	
Mart *Mars*	6	8	17	16	7	1	—	19	4	—	3	3	—	2	4	

II — Deniz rasatları (Observations de la mer)

Kemal Erkman

Bitişik sahifedeki cetvel Arnavutköyündeki akıntı anafor mahallindeki maroğraf ile ölçülen deniz seviyesine ait değişiklikleri gösterir. Bu cetvelin başlık satırı aylar ve başlık sütunu da ayın günlerini gösterir.

Sapma deniz seviyesinin, rıhtım üzerinde tespit edilmiş olan bir pirinç işaretin merkezinden itibaren alçalmadan ibarettir. Bu alçalma miktarı santimetre ile gösterilmiştir. Cetveldeki miktarlar sapmaların günlük ortalamasıdır. Son satır dahi aylık ortalamadır. Maroğraf kaleminin irca nisbeti 1/5 dir. Tabiidir ki cetveldeki hakiki kıymetler bu nisbete göre aletin diyagram iş'arından irca edilmiştir. Ortalama seviyenin normal miktarı henüz tesbit olunmamıştır. Maroğraf kâğıdının sıfırı, işaret merkezinden 168.2 santimetre yüksektir. 0 numaralı diyağram bu seviye değişikliğine aittir. Seviyenin başlıca değişikliği basınç değişikliğine tâbi olduğundan mukayese için nokta ve çizgi ile tazyik değişikliği tersim edildiği gibi meddicezir tesirini de takip edebilmek için içtima, istikbal ve terbilerin zamanları da gösterilmiştir.

Deniz seviyesi ve sıcaklık

Niveau et température

İZAHAT — *REMARQUES*

Marografın sistemi (*Système du marographe*) : Jules Richard

Redüktör (*Réducteur*) : 1/5

Mevkii (*Station*) : Arnavutköy

Reper (*Repère*) : Rıhtımdaki pirinç dairenin merkezi
: *Le centre du disque en laiton fixé au quai*

Termometrenin cinsi (*Type du thermomètre*) : *Negretti zambra*

Rasat mahalli (*Lieu d'observation*) : Kandilli iskelesi

Günler - Aylar — *Jours - Mois*	Sapma (cm.) *Ecart*			Sıcaklık — *Température*					
				Ocak *Janvier*		Şubat *Février*		Mart *Mars*	
	Ocak *Janvier*	Şubat *Février*	Mart *Mars*	m. 0	m. -15	m. 0	m. -15	m. 0	m. -15
1	19.4	—	40.0	—	—	—	—	—	—
2	29.1	—	43.7	—	—	—	—	—	—
3	22.0	—	57.8	—	—	—	—	—	—
4	21.4	—	59.6	—	—	—	—	—	—
5	25.8	—	46.7	—	—	—	—	—	—
6	26.5	—	43.6	—	—	—	—	—	—
7	20.5	34.1	43.4	—	—	—	—	—	—
8	25.7	53.1	37.6	—	—	—	—	—	—
9	33.6	50.6	32.7	—	—	—	—	—	—
10	29.9	45.6	47.9	—	—	—	—	—	—
11	28.3	46.4	40.4	—	—	—	—	—	—
12	25.2	46.1	53.8	—	—	—	—	—	—
13	22.4	43.6	40.6	—	—	—	—	—	—
14	23.8	39.9	34.2	—	—	—	—	—	—
15	27.0	47.9	36.0	—	—	—	—	—	—
16	30.9	57.1	41.2	—	—	—	—	—	—
17	24.5	53.6	51.6	—	—	—	—	—	—
18	28.9	55.8	48.9	—	—	—	—	—	—
19	26.1	56.5	43.2	—	—	—	—	—	—
20	24.2	51.6	40.1	—	—	—	—	—	—
21	23.6	55.8	32.6	—	—	—	—	—	—
22	26.5	53.9	20.8	—	—	—	—	—	—
23	24.6	46.4	24.8	—	—	—	—	—	—
24	22.3	48.0	28.0	—	—	—	—	—	—
25	14.7	50.3	23.7	—	—	—	—	—	—
26	21.9	55.4	24.0	—	—	—	—	—	—
27	19.4	56.6	32.0	—	—	—	—	—	—
28	8.8	42.9	24.2	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—
31	12.6	—	—	—	—	—	—	—	—
Ortalama	23.9	29.5	39.0	—	—	—	—	—	—

III — Sismoloji (Séismologie)

Kemal Erkman

Bitişik sahifeler yerdepremlerini ve bunların aslî ve tali fazlarının zamanlarını göste-
ir. Titrenti (Microséisme) ler dahil değildir. Cetvelin birinci sütunu tarih ve ikinci sütunu
eynelmilel kabul edilmiş olan faz işaretleridir. Bu işaretlerden P_n veya $\overline{P}$ tıtreşimin
aşlangıcını, F nihayetini ve iM de en şiddetli titreşim fazını gösterir. Üçüncü sütun da
Türkiye saatiyle fazların zamanlarıdır. Dördüncü sütunda N - S bileşeninden alınan en
üyük sianın devir müddeti gösterildiği gibi beşinci, altıncı ve yedinci sütunlarda en
üyük sia miktarı milimetre olarak gösterilmiştir. A_N şimal-cenup bileşenine, A_E şark-garp
ileşenine aittir. Tahmin edilen merkez üstü uzaklık Δ ile son sütunda kilometre olarak
österilmiştir. Ve düşünceler hanesinde de olayın vukubulduğu haber verilen mahal
icabederse coğrafî vaziyetleriyle beraber - kaydedilmiştir. Eğer olay memleket dahilinde
se icabeden umumi karekteri de ilâve edilmiştir. Kayıtlar Galitzin sistemi sismoğra-
ndan alınmıştır. Eğer diğer aletlerden alınmış ise düşünceler hanesinde ayrıca göste-
ilmiştir.

Sismoloji rasatları — *(Observations sismologiques)*

Aletin sistemi *(Système du sèismographe)*: *Galitzin*

Tarih *Date*	Fazlar *Phases*	Zamanlar h. m. Sec	N—S Bileşeninde *Period* Sec	A_N mm.	A_E mm.	A_Z mm.	Δ km.	DÜŞÜNCELER *Remarques*
Ocak *Janvier 1939*								
2	P_n	06.36.45					290	Çandarli İzmir ve Turgutluda duyulmu: tur.
	P S	37.15						
	S	37.26	10	198	84	98		
	F	06.53.—						
9	e	13.48.—	—	—	—	—	—	Hafif replik.
20	e	03.31.—	—	—	—	—	—	Uzak ve hafif eser. Fazların karekteri aşağıdaki depreme benzer.
20	P_n	16.27.26					1.880	Trablus Garpta
	S_n	30.47	12	65	44	21		
	e L	34.34						
	F	17.00.—						
22	P_n	04.24.59					1.840	Ynkardakinin repliğidir.
	S_n	28.21	14	85	55	28		
	L	30.38						
	F	05.16.—						
25	P_n	04.46.15					13.300	Şilinin Şilan sahasında tahripkâ bir zelzele. Fazlar şiddetli olduğundan kâ ğıtların haricine çıkmış ve ö çülememiştir.
	P	49.47						
	P R_1	51.15						
	P S	05.00.54	—	—	—	—		
	F	06.—.—						
25	e P_n	13.09.33					1.460	
	S_n	12.37						
	e L	15.37	12	33	25	17		
	F	13.31.—						
27	e	22.13.56					1.460	Yukardakinin repliğidir.
	e L	16.40	12	20	9	9		
	F	22.32.—						
30	e P_n	02.03.20					Uzak	Hafif.
	e	08.16	—	—	—	—		
	F	03.30.—						

Tarih *Date*	Fazlar *Phases*	Zamanlar h. m. Sec	N — S Bileşeninde *Period* Sec	A_N mm.	A_E mm.	A_Z mm.	Δ km.	DÜŞÜNCELER *Remarques*
Şubat *Février 1939* 3	P_n	07.45.35	—	—	—	25	700	
	$\overline{P}$	47.20						
	P R_1	50.44						
	F	10.—.—						
Mart *Mars 1939* 13							—	İlk faz kuvvetli olduğundan yazılamamıştır.
	S_n	07.38.40	—	—	—	—		
	F	07.51.—						
15	e	22.55.54	—	—	—	—	Yakın	Hafif.
	F	22.58.—						
20	P_n	05.34.16					8.600	Japonyada,
	P R_1	37.15						
	P R_2	39.09						
	S_n	43.49						
	e L	06.07.29	—	—	—	9		
	F	06.41.—						
20	P_n	18.39.59					260	
	$\overline{S}$	40.37	12	39	18	22		
	F	18.56.—						
21	P_n	03.22.11					8.600	Sumatrada.
	P R_1	25.06						
	S_n	32.11						
	e L	56.36						
	i M	04.00.11	25	86	—	40		
	F	06.05.—						
22	P_n	09.41.08	—	—	—	—	Uzak	Çok hafif.
	F	11.56.—						
25	e	10.41.13					Yakın	Hafif.
	$\overline{S}$	42.15	—	—	—	—		
	F	10.49.—						
27	P_n	07.12.53					200	
	$\overline{S}$	13.23	12	12	—	8		
	F	07.29.—						
31	P_n	08.53.04					410	
	$\overline{PS}$	54.08						
	$\overline{S}$	54.26	10	22	—	18		
	F	09.03.—						